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陈泽科技有限公司

STEPHEN TECHNOLOGIES CO.,LIMITED

PRODUCTS OVERVIEW

>>> VoIP series

    A. VoIP Phones
    B. VoIP ATAs / Gateways
    C. Wired and Wireless Usb phones
    D. IP PBX system
    E. VoIP softphones
    F. Asterisk PBX cards
    G. Wifi SIP phone series

>>> Networking switches series

    A. 10/100mbps fast ethernet switches
    B. 10/100mbps unmanaged fiber optic switches
    C. 10/100mbps unmanaged fiber plus copper switches
    D. Layer 2/3 managed fiber optic and fast switches
    E. Gepon Solution Equipments
    F. Fast Gigabit ethernet switches
    G. Websmart Gigabit ethernet switches
    H. 10 Gigabit core switch and Layer 3 Gigabit fiber switches

>>> Ethernet media converters series

    A. 10/100mbps fast ethernet media converters
    B. 10/100mbps Rack mount media converters
    C. Gigabit ethernet media converters
    D. E1 media converters

Warranty and sample Policies

⬠ Chima's Warranty Policy

For all of Chima's Dealers, resellers, Distributors, Chima offers a warranty of ONE year.

>>> Expire date be from the date of receipt of shipment by client.

>>> Regular Replacements to be shipped with the shipment of re-orders. All the cost for Regular Replacements be furnished by Chima.

>>> Urgent Replacements to be shipped within 2 weeks. All the cost for Urgent Replacements be furnished by clients.

⬠ Chima's Sample Policy

>>> Chima's samples are all charged. Regularly samples's costs are 10% higher than that for bulks.

Different samples, different prices. For those samples that needs to be produced particularly, an extra Production cost shall be applied.

>>> Sample's costs are to be returned in a re-order based on a MOQ.

>>> Free samples apply to Chima's partners that are at a long term business relation.

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SVP3300

3G Mobile compatible VoIP Video Phone

Description:

The third generation of VoIP Video Phone, the svp3300 , that comes with an abundance of exciting new features. This sleek and streamline looking series is compatible with 3G mobile phone systems.

3G Mobile System Compatible
The svp3300 is compatible with 3G networks and mobile videophones. Calls can be made between fixed line videophones and 3G mobile videophones, thus enabling face-to-face communications between homes, offices and mobile users on the road.

Built-in NAT Router
The built-in NAT Router enables the end user to share the same broadband link for both video telephony and internet access without increasing access charges for separate IP addresses. With a priority switch built-in, video telephony traffic is given preference to ensure smooth video conversation even when someone is using the same link for internet surfing.

Support Firewall/Border Traversal Solution
The svp3300 supports network based firewall and border traversal solutions offered by service providers, allowing telephony services to be deployed behind NAT/Firewall environments in enterprises. In addition, the svp3300 supports VLAN routing for better control of video, voice and data traffic.

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SVP305

SIP 2.0/IAX2 Dual port VoIP phone

>>> POE Optional

Description:

SVP305 IP phone is an internet based voice broadband phone terminal supporting power supply through Ethernet.SVP305 IP phone adopts multiple voice control protocols and voice compression codec to directly convert analog voice into IP packet for internet transport, thus effectively using the existing bandwidth to provide PSTN quality voice service

SVP305 IP phone supports SIP 2.0 and IAX2 protocol, offering two 10/100Mbps Ethernet interface with built in router. SVP305 ip phone can accommodate both internet access and telephone connection on a single line, thus effectively using the existing broadband resources. It is compatible with various softswitch systems and VoIP voice gateways to provide broadband IP voice service.

SVP305 IP phone adopts the latest Ethernet power supply technology to not only save user investments, simplify network deployment, but also provide centralized power management.(accessory option)

SVP305 ip phone is the best option for a voice over ip solution for family voip, middle sized office VoIP, and a best phone to go with your pbx system for large projects.

SIP 2.0 VoIP phone

SVP303/SVP306

>>> 1 or 2 port Optional

Features:
1. Supports SIP 2.0
2. Supports TCP/UDP/IP, RTP/RTCP, HTTP, ARP/RARP, ICMP, DNS, DHCP, NTP, TFTP protocols
3. DHCP support for LAN or Cable modem
4. PPPoE support for ADSL or Cable modem
5. Supports IP address dynamic (DHCP) system
6. Supports multi-method NAT traversal and anti-virus crossing
7. Compliant with ITU-T standard and DTMF form and check
8. Supports codecs G.723.1 (5.3K/6.3K), G.729A/B, iLBC, G.726, G.728, and wide-band G.722 sound coding and decoding
9. Supports dynamic sound check VAD (Voice Activity Detection), CNG (Comfort Noise Generation), Line Echo Cancellation (G.168), and AGC (Automatic Gain Control)

10. Dynamic sound technology with sound quality as good as a traditional telephones
11. Advanced Digital Signal Processing (DSP) to ensure superb hi-fidelity audio quality
12 Support standard voice features such as Caller ID Display or Block, Call Waiting,
Hold, Transfer Forward, FLASH, in-band and out-of-band DTMF (RFC2833), Dial Plans, off-hook auto dial, configurable emergency dialing (e.g., 911), early dial, click-to-dial
13. Advanced adaptive jitter buffer control, packet delay & loss concealment technology
14. Support multi-net construction
15. Auto – manual indication
16. Built-in world clock auto time display

SVP307

Competitive Dual port SIP VoIP phone

Features :
1. Call History: Stores the most recent: 10 Missed, 10 Received, and 10 Dialed Calls.
2. Phonebook: Programmable for up to 30 telephone numbers
3. Speed Dialing: 10 speed dial buttons
4. Volume Adjust: Adjust the volume of handset, speaker and ring
5. Call duration display: Show real time call duration
6. Redial: Supports Last Number Redial
7. Abbreviated Dialing: Abbreviated Dialing Plan support
8. Status Indicator: LCD displays status and feature information.
9. Speaker: Hands free
10. Mute: Mute

Advanced Features:

1. Support Caller ID Display: LCD displays incoming call information
2. Support Balance Display: LCD displays the balance of user account
3. Call Forwarding: Includes offline call forwarding and online call forwarding. There are 3 types of Online forwarding: No Answer, Busy, and Always.
4. Call hold: During a call press "HOLD" to put a part on hold and press "hold" again to retrieve the party.
5. Call Transfer: When an incoming call is answered, press XFER key, can make a call transfer.
6. Call waiting: When a new call comes in while you are on a call, you will receive "Call waiting tone". To receive this call, press the "HOLD" button.
7. MWI
8. Do Not disturb: The incoming calls will be reject, and will be add to MISSED CALLS

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SVP308

Competitive SIP 2.0/IAX2 VoIP phone

>>> POE Optional
>>> 1 or 2 port Optional

Description:

SVP308 IP phone is an internet based voice broadband phone terminal support power supply through Ethernet.SVP308 IP phone adopts multiple voice control protocols and voice compression codec to directly convert analog voice into IP packet for internet transport, thus effectively using the existing bandwidth to provide PSTN quality voice service

SVP308 IP phone supports SIP 2.0 and IAX2 protocol, offering two 10/100Mbps Ethernet interface with built in router. SVP308 ip phone can accommodate both internet access and telephone connection on a single line, thus effectively using the existing broadband resources. It is compatible with various softswitch systems and VoIP voice gateways to provide broadband IP voice service.

SVP308 IP phone adopts the latest Ethernet power supply technology to not only save user investments, simplify network deployment, but also provide centralized power management.(accessory option). It could also go with POE (Power over ethernet) version.

SVP308 ip phone is the best option for a voice over ip solution for family voip, middle sized office VoIP, and a best phone to go with your pbx system for large projects.

SIP Settings:

When running with firmware based on sip protocol,sip setting can be access here. if based on iax2 protocol,iax2 setting s can be access here.you can upgrade firmware from sip to iax2 or from iax2 to sip with web browswer or TFTP
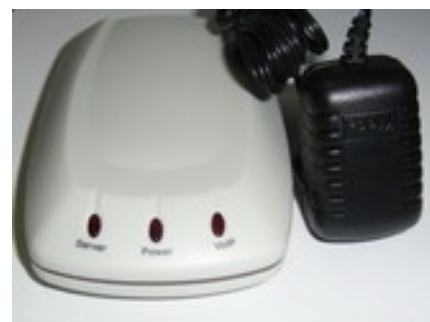
IAX2 Settings :

When running with firmware based on sip protocol,sip setting can be access here. if based on iax2 protocol,iax2 setting s can be access here.you can upgrade firmware from sip to iax2 or from iax2 to sip with web browswer or tftp

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SVG200SP

1 fxs + 1 pstn + 1 Lan + 1 Wan SIP 2.0/IAX2 VoIP ATA

Key features:
Support two sip servers running at the same time.
Redundancy sip server support.
NAT, Firewall.
DHCP client and server.
Support PPPoE, (used for ADSL, cable modem connecting).
Support major G7.xxx CODEC.
VAD,CNG.
G.165 compliant 16ms echo cancellation
E.164 dial plan and customized dial rules
Support Lifeline.
Hotline.
Call Forward, Call Transfer, 3-way conference calls
Call ID display
DND(Do Not Disturb),Black List,Limit List
Reverse polarity
Voice prompt

Data Features
Static/Dynamic WAN IP Addressing
PPPoE

Management
Web, telnet and keypad management.
Adjustable user password and super password
Upgrade firmware through HTTP, FTP or TFTP.
Telnet remote management.
Upload/download setting file
Auto-provision.
Safe mode provide reliability

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SVG500SO

1 fxs + 1 fxo + 1 Lan + 1 Wan
SIP 2.0 VoIP ATA

Features :

1. 1 FXO and 1FXS port, can make or receive VoIP, PSTN, VoIP-to-PSTN, PSTN-to-VoIP call

2. Supported protocols: SIP(RFC2543, RFC3261), TCP/UDP/IP, PPPoE, RTP/RTCP, HTTP, ARP/RARP, ICMP, DNS, DHCP(Server/Client), NTP/SNTP, TFTP/FTP

3. Two 10/100M Ethernet ports, support NAT and Bridge mode

4. Voice codecs: G.711a/u, G.723.1, G.729A/B, G.726

5. Voice quality enhancement: QoS, VAD, CNG, Adaptive Jitter Buffer, G.165 16ms Echo Cancellation

6. Support 3 SIP accounts

7. NAT traversal: STUN, Outbound proxy

8. Auto configuration and upgrade via TFTP, FTP, HTTP; manual configuration via keypad (voice prompt), webpage, and Telnet

9. Extensive phone features: Caller ID, Call Waiting, Call Transfer (attended/blind), Do-Not-Disturb, Call Forwarding, Dial Plans, 3-Way Calling, Phonebook, Send Anonymous CID, etc.

10. User authentication

11. Signaling tone of ITU-T standard, DTMF detection and generation

12. Support T.38 fax, VLAN, DMZ, DDNS, Mac Clone, Virtual Server, SIP Encrypt

13. Ultra compact (wallet size) and lightweight design, great companion for travelers

SVG300S

2 fxs + 1 Lan + 1 Wan
SIP 2.0 VoIP ATA

Features:

1. 2 FXS ports, can connect with 2 telephones

2. Supported protocols: SIP(RFC2543, RFC3261), TCP/UDP/IP, PPPoE, RTP/RTCP, HTTP, ARP/RARP, ICMP, DNS, DHCP(Server/Client), NTP/SNTP, TFTP/FTP

3. Two 10/100M Ethernet ports, support NAT and Bridge mode

4. Voice codecs: G.711a/u, G.723.1, G.729A/B, G.726

5. Voice quality enhancement: QoS, VAD, CNG, Adaptive Jitter Buffer, G.165 16ms Echo Cancellation

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8. Auto configuration and upgrade via TFTP, FTP, HTTP; manual configuration via keypad (voice prompt), webpage, and Telnet

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10. User authentication

11. Signaling tone of ITU-T standard, DTMF detection and generation

12. Support T.38 fax, VLAN, DMZ, DDNS, Mac Clone, Virtual Server, SIP Encrypt

13. Ultra compact (wallet size) and lightweight design, great companion for travelers

SVG400S

4 fxs + 1 Lan + 1 Wan
SIP 2.0 VoIP ATA

SVG400S VoIP ATA offers 2 RJ45 interfaces and four RJ11 interfaces, and supports various private network transparency modes (STUN, OUTBAND PROXY, UPNP). It can provide dual-server registration backup, supports SNMP protocol and VPN.

Key features

voice Features
call hold
Configurable (*,#) feature codes
Unattended/ attended call transfer
call waiting and per call-waiting blocking
call forward (Always, busy, no answer)
call return
caller number/name display
caller ID /block outgoing caller-ID
/Reject anonymous call
FAX (T.38)
DND (Do not disturb)
voip speed dial
VoIP digital map
per area ring tone support
8 Distinctive Ring Settings per users
E.164 dial plan
MWI(Message wait Indication)
configurable/Adaptive jitter buffer size
configurable Hook Flash time

data features
Static/Dynamic WAN-IP-Addressing

management and provisioning
http, telnet, handset
adjustable user password and super password
TFTP,HTTP and HTTPS auto-update
8 entries for speed dial number
IVR for network setting by handset
SNMP
Interfaces
Ethernet Port ---2 X 10/100MHz Ethernet Port
FXS port ---- 4 FXS Port for Tel

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SVG800S

8 fxs + 1 Lan + 1 Wan
SIP 2.0 VoIP ATA

Specification:
1. TCP/IP V4 (IP V6 auto adapt)
2. ITU-T H.323 V4 Standard
3. H.2250 V4 Standard
4. H.245 V7 Standard
5. H.235 Standard （MD5,HMAC-SHA1）
6. ITU-T G.711 Alaw/ULaw, G.729A, G.729AB, and G.723.1 Voice Codec
7. RFC1889 Real Time Data Transmission
8. Proprietary Firewall-Pass-Through Technology
9. SIP V2.0 Standard
10. Simple Traversal of UDP over NAT (STUN)
11. Web-base Management
12. PPP over Ethernet (PPPoE)
13. PPP Authentication Protocol (PAP)
14. Internet Control Message Protocol (ICMP)
15. TFTP Client
16. Hyper Text Transfer Protocol (HTTP)
17. Dynamic Host Configuration Protocol (DHCP)
18. Domain Name System (DNS)
19. User account authentication using MD5
20. Out-band DTMF Relay: RFC 2833 and SIP Info

1. LINUX OS
2. Built-in HTTP for accessing internal parameters
3. PPPoE dial-up
4. NAT Broadband Router functions
5. DHCP Client
6. DHCP Server
7. Firmware On-line upgrade
8. Phone Book
9. Memory Dial
10. Caller ID
11. Multiple Language Support
12. With Accounting Function

SVG420SP

2 fxs + 1 PSTN + 1 Lan + 1 Wan
SIP 2.0 VoIP ATA

Description:

The SVG420SP IP ADAPTOR is a VoIP and PSTN integrated device, which is designed to be a perfect solution for offices that needs to use both VoIP and PSTN Service. The SVG420SP VoIP ATA is compatible with both SIP 2.0 and H.323 V4 protocols. People can connect this device to regular analog telephones to run its settings, or dial, receive, transfer calls. With a WAN port and a LAN port, the SVG420SP VoIP ATA can be connected to the network connection as well as your computer. With 2 FXS and 1PSTN ports, the SVG420SP VoIP ATA is able to connect to 2 VoIP lines together with 1PSTN line, by which enables you use both PSTN and VoIP service at the same time.

SVG420SP can let users choose to use VoIP or the ordinary telephone line (PSTN) to call out. When the power is cut off, it will be switched to ordinary phone line automatically. The SVG420SP's 24V FXS ports is compatible with most of the telecom standards, such as Europe, North America, China, etc. The SVG420S can also be connected with standard telephones or cordless telephones of different brands. The SVG420SP's typical advantages are, flexible configuration, smart appearance, multiple functions, and perfect tone quality. It is an ideal choice for your offices, enterprises voice over ip solutions.

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SVG100S

1 fxs + 1 Lan SIP 2.0 VoIP ATA

Voice Features:

Support STUN and symmetric RTP for NAT
Interoperable with various 3rd party SIP end user device,gateway products
Advanced adaptive jitter buffer control
Packet delay and loss concealment technology
Support popular vocoders including G.723, G.729 A/B,G.711(a-law and u-law),
G.726 (40K/ 32K/24K/16K).
Support standard voice feature such as Caller ID Display or Block,
Call Waiting, Hold,Transfer,3-way conference

Transfer, Forward, in-band and out-of-band DTMF, Dial Plans
Support Silence Suppression, VAD(Voice Activity Detection), CNG(Comfort
Noise Generation), Line Echo Cancellation(G.168), and
AGC(Automatic Gain Control)

Data Networking:

MAC Address(IEEE 802.3)
ARP - Address Resolution Protocol
DNS - Domain Name Server
DHCP Client - Dynamic Host Configuration Protocol (RFC2131)
ICMP - Internet Control Message Protocol (RFC792)
TCP - Transmission Control Protocol (RFC793)
UDP - User Datagram Protocol (RFC768)
RTP - Real Time Protocol (RFC1889)(RFC1890)
RTCP - Real Time Control Protocol (RFC1889)
TOS - Type of Service (RFC 791/1349)
SNTP - Simp Network Time Protocol (RFC2030)

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SVG201SP

1 fxs + 1 PSTN + 1 Lan SIP 2.0 VoIP ATA

Voice Features:

Support STUN and symmetric RTP for NAT
Interoperable with various 3rd party SIP end user device,gateway products
Advanced adaptive jitter buffer control
Packet delay and loss concealment technology
Support popular vocoders including G.723, G.729 A/B,G.711(a-law and u-law),
G.726 (40K/ 32K/24K/16K).
Support standard voice feature such as Caller ID Display or Block, Call
Waiting, Hold,Transfer,3-way conference

Transfer, Forward, in-band and out-of-band DTMF, Dial Plans
Support Silence Suppression, VAD(Voice Activity Detection), CNG(Comfort
Noise Generation), Line Echo Cancellation(G.168), and
AGC(Automatic Gain Control)

Data Networking:

MAC Address(IEEE 802.3)
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DNS - Domain Name Server
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TCP - Transmission Control Protocol (RFC793)
UDP - User Datagram Protocol (RFC768)
RTP - Real Time Protocol (RFC1889)(RFC1890)
RTCP - Real Time Control Protocol (RFC1889)
TOS - Type of Service (RFC 791/1349)
SNTP - Simp Network Time Protocol (RFC2030)

16 Port modular Sip VoIP Gateway

Description:

The SVG6116 is a modular VoIP Gateway that is SIP based. With a large capacity, the SVG6116 VoIP Gateway is able to configured with multiple FXS/FXO voice ports. The available configurations are:

>>> 16 FXS port VoIP Gateway
>>> 16 FXO port VoIP Gateway
>>> 8 FXS + 8 FXO port VoIP Gateway
>>> 4 FXS + 4 FXO port VoIP Gateway

SVG6116

Available Module cards for SVG6116 VoIP Gateway are:

>>> SVG16-VC08-OS : 4FXO+4FXS ports Module card for SVG6116 VoIP Gateway
>>> SVG16-VC08-SS: 8 FXS port Module card for SVG6116 VoIP Gateway
>>> SVG16-VC08-OO: 8 FXO port module card for SVG6116 VoIP Gateway

SVG6116 VoIP Gateway is designed for multidwelling unit / multitenant unit (MDU/MTU) applications and is an ideal solution for legacy integration with an existing IP telephony architecture. It matches the density requirements for smaller locations while meeting service provider's demands for scalability.

PC PSTN

SUP600

50M range Skype and PSTN dual mode Usb phone

SUP600 Skype and PSTN dual mode USB Wireless Phone
The SUP600 is a wireless Dual usb phone which is composed of one base and one handset. The base is a high quality speaker phone, which is ideal for conference calls. The handset has blue back lighted graphic LCD.
The SUP600 Device rings for incoming calls.

The effective transmission distance of the SUP600 skype and pstn wireless usb phone is 50 meters. You can make/receive a call via the handset at every corner in your office, just like using a mobile phone.

Features:
1. Skype and PSTN in one.
2. 2.4GHz ISM Band, suitable for Europe, USA, Japan etc
3. Handfree with digital echo cancellation
4. Large graphic LCD with blue backlight
5. Review Skype/PSTN contacts and call list on handset LCD
6. Device rings for all incoming calls
7. FSK/DTMF caller ID for PSTN
8. Multi-language caller ID display feature
9. Auto-select RF channel to improve the quality of voice
10. Twenty contact books are available.

Technical Data

> Standby time: More than 100 hours
> Talk time: More than 10 hours
> Radio range: 50 meters (160 ft)
> Battery: 460mAh (Li-battery)

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SUP311

Skype usb optical mouse phone

SUP311 Skype usb mouse phone
The SUP311 is a skype usb optical mouse phone. The SUP311 Skype mouse phone can be used as a mini speaker. With the SUP311 Skype mouse phone, you will no longer need a PC microphone speaker or a pair of troublesome earphones when listening music or talk to people.

Function of the mouse is as usual and with a full functional keypad on the SUP311 Skype mouse phone, it is able to be used as a skype phone. You are able to dial or receive calls through the SUP311 Skype mouse phone.

Altough the SUP311 is called a skype usb phone, it is even able to carry lots more softphones. The pop softphones available with the SUP311 skype mouse are:

>>> Skype, VoipButser, VoipStunt, VoIPCheap, VoipDiscount, SparVoip, Internetcalls, poivY, WebCallDirect, VoipCheapCom, FreeCall, NetAppel and MTalk

With great compatibilities and multiple usages, there is no doubt the SUP311 usb mouse is your best PC companion.

Features of VoIP:

>>> Auto detection between mouse and VoIP phone
>>> Rings loudly on an incoming call

Features of Hi-fi Speaker:

>>> Crystal clear sound quality
>>> 48 KHz sampling rate
>>> Able to connect to a pair of tailor-made earphones to keep your talk as a secret

Features of mouse:

>>> 1.5m USB cable (USB 1.1)
>>> 800 dpi optical sentor

SUP300

50M range wireless Skype Usb phone

Preferring mobility when making Skype calls? Then, SUP300 is your best option. It is slim, fashionable, elegant, and gorgeous. The shiny white color is dazzling. Slim figure and nice paint of handset make you enjoy the touch feeling in your hand. It consists of one base and one handset. The graphic LCD with blue back-light can show contact list and calling history in any language. Because it is cordless, you can move away from computer at least 50 meters, instead of being bundled with computer when making calls. Speakerphone in high quality built ¨Cin the base. A perfect, happy hands-free calling experience undoubtedly belongs to you

>>> Phone's 160-foot (50-meter) radio range enabling people talk away from computer.
>>> Fashion look and human design.
>>> Large graphic LCD and blue back-light.
>>> Contact list and calling history in any language easily reviewed on handset.
>>> Caller ID function.
>>> With speakerphone built in base, ideal device for conference call.
>>> Base works as charging station for handset.
>>> Noise reduction and digital echo cancellation.
>>> Both base and handset ringing for all incoming calls.
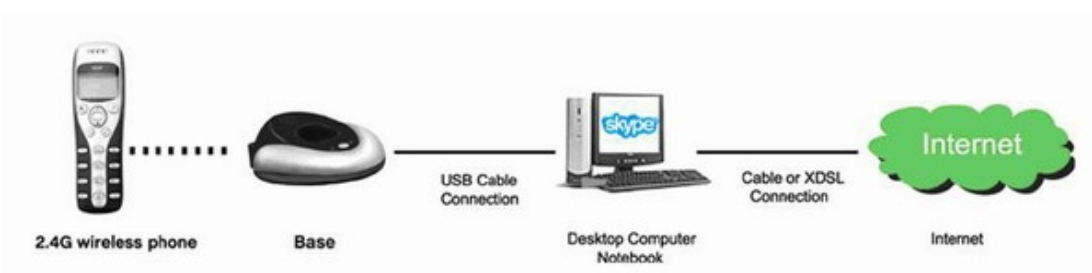>>> Auto-selected RF channel for improved voice quality.

SUP200

20M range wireless Skype Usb phone

The SUP200 is a wireless Skype phone which is composed of one base and one handset. The base is built-in one high quality speakerphone, ideal for conference calls. The handset has graphic LCD with blue color backlight.

User can review Skype contacts and call list on handset LCD. User can make/receive a call via the handset without the limitation of USB cable, just like using a mobile.

2.4G wireless phone   Base   USB Cable Connection   Desktop Computer Notebook   Cable or XDSL Connection   Internet   Internet

Features :

1. 2.4G ISM Band (2400~2483MHz), suit for Europe, USA, Japan etc.
2. Commercial grade high quality speakerphone with digital echo cancellation
3. Large graphic LCD with blue color backlight
4. Multi-language caller ID display feature
5. Review Skype contacts and call list on handset LCD
6. Both base and handset ring for all incoming calls.
7. Auto-select RF channel to improve the quality of voice

Hardware
1. Radio range: 10 meters (32ft)
2. Standby time: More than 100 hours
3. Talk time: More than 10 hours
4. 1 Battery: 250mAh (Li-battery)
5. No external power required
6. Driver and sound card built-in

Interface

1. one base with USB interface to PC
2. one handset with headset jack

SUP100

Video Skype Usb phone

Description:

The SUP100 is a skype usb video phone that intergrates a pc camera, which it enables users to see each other when they are using the skype or VoiP stunt or any other pc to phone softwares. Users can view the caller's ID through the blue LCD, it also displays the time/day/month/year. Users can also dial out directly with the phone's keypad. This phone is most cost effective, it is the best choice for the usb phones users.

Features :

1. With high quality camera, you can talk face to face with people all over the world
2. Start or stop video by phone keypads
3. Commercial grade high quality speakerphone, ideal for conference calls
4. Large LCD with blue color backlight
5. Phone rings for incoming calls, ring style selectable
6. Dial Skype contacts and Skypeout number by phone keypads
7. Echo cancellation, noise reduction, full duplex communication
8. No external power required
9. USB power LED indicator
10. Driver and sound card built-in

Camera

1. Definition: 300K pixels
2. 320x240 high resolution CMOS sensor
3. Supports up to 30fps VGA video display
4. Adjust brightness automatically

Interface:
1. 1 USB interface to PC
2. 1 USB interface to camera

SUP210

Blue backlight Skype Usb phone

Description:

SUP210 is a USB interface portable phone, It offers USB1.1 interface and built-in 16bit sound card, and is equipped with clear-bimap LCD to support four line display and multiple languages. SUP210 offers humanistic key operation, mute, redial/dial-back, caller ID, caller statistics, in-call volume adjustment.

It also supports personalized ring tone. SUP210 has excellent voice quality and rich features. It supports Skype and is an outstanding voice product. Also, this Usb phone is able to be integrated with our Sip , IAX2, Sip / IAX2 softphone.

Key Features
Available to be used as "USB sound card + speaker cabinet" under hands free mode.
Mute function
Customize ring tones.
Supporting multiple languages display.(English, Chinese (Simplified), Chinese (Traditional), Turkish, Polish, Russian, Italian, French, German, Portuguese, Japanese, Arabic, Thai, Spanish)
Friend list display, on-line friends display
Friend list, rapid up/down paging function
Inquiry of calling history.
Statistic of missed calls
Caller ID display
Directly dial Skype, Skypeout number
Redial/dial back function
Volume adjustable during a call
Replacing mouse to operate SKYPE software in computer
Skypeout balance display
Humanized operation panel, close to mobile phone operation mode

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SUP309

Blue backlight Skype Usb phone

Description:

The SUP309 USB phone provides you more conveniences to make free call over the Internet from PC to PC anywhere as easy as using normal moilebilephones. Simply plug the USB phone into the USB port of your PC, download Internet telephony software like Skype, and you can start making calls. You can easily access the net and connect your friends, family members or colleagues. The phone is fully compatible with Skype and can be used as audio device with Yahoo Messenger.MSN Messenger,MS NetMeeting, net2phone, babble and etc for voice communication. It's designed similar to a mobile phone with quick dial and volume control buttons.

Features :

1. Compatible with VoIP (Voice over Internet Protocol) solution such as Skype.
2. Works as microphone & earphone with Yahoo Messenger, MSN Messenger, MS NetMeeting and etc.
3. Hot-key functions to operate Skype software as easy as dialing a normal telephone.
4. Echo-cancellation for better sound quality
5. 9 types of ring tones for incoming call alert
6. Use dot matrix LCD module (128x64).
7. Supports multi-language (English, Japanese,germany,Traditional/Simplified Chinese)
8. LCD backlight turns on while receiving a call or any key pressed
9. AS a speaker to broadcast music from pc
10. LCD to dosplay caller ID contact list and calling list (Miss , Income,Outgoing)
11. Compliant with USB 1.1 specification
12. No additional power adapter required
13. MIC mute button for privacy protection.
14. Display Skype out balance.

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SUP301

Portable USB Flash/Memory Phone

Description:

The SUP301 is a Usb stick that have the skype software stored up inside, the memory can be 64m/128m/256m/512m/1GB. When draw this into the usb port of a computer, the skype will auto run. As long as your account is charged, you will be able to talk to people EVERYWHERE with using a phone like this and make your international calls with a low cost that skype offers..

Also, this product is with little size, people can put in a corner of their bag and take it everywhere,and make their calls very easily. The talking is through a pair of earphones. It also has the skype soft stored up into the deviced area of the usb stick which prevents it from a virus attack.

Features :

1.USB bus supplies power, does not need outside power
2.Compatible USB 1.1 with 2.0
3.Compatible USB AUDIO DEVICE criterion Ver1.0
4.Supporting the playback and recording, the sampling rate is 48K and 44.1K
5.Stored IPPHONE software, keep users from deleting operation, prevent the virus breakage
6.Autorun IPPHONE software
7.Logon the platform system of Toptone, do authentication directly throughUSB disk
8.Supporting FLASH capacity of 32MB, 64MB,128MB,256MB,512MB,1024MB
9.With the accounts information stored in USB Disk, users can call any kinds of telephones by a PC which connecting with Internet

Accessories
1. Instruction manual
2. Software disc

SUP306

Skype Usb phone wihtout LCD Display

Description:

The SUP306 is a Usb phone Without LCD display. It keeps people free from using a pair of earphones when talking with people through Skype or other communication softwares. It has a good sound effect, This product is currently quite popular in the market due to the low talking cost that skype offers. Many people prefer to use this rather than a pair of earphones.

Features :

1. 16 bit sound card inside,the PC can without Sound Card
2. Support H.323, SIP, MGCP etc lot of protocol
3. Support product serial write in
4. With HID (Human Interface Device) Feature
5. Plug & Play to Install USB Driver
6. With PID (Physical Interface Device) Feature
7. Compatible with Major PC's Internet Phone Application Software
8. Provides Ringer Generation for PC to PC Call Through Existing IP phone Applications
9. Optional ITSP Application Software With Credit for PC to Phone Connection
10. Compatible with Major PC's Internet Phone Application Software
11. A LED to indicate Power and Linking Status
12. Adjustable volume for handset
13. Support E.164 dialing rule; 16. Record support
14. The powered via the USB port with no need for a power adaptor

Accessories
1. Instruction manual

Weight
40 pcs: 9.0 kgs

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SUP304

Skype Usb phone with LCD Display

Description:

The SUP304 is a Usb phone With LCD display Time/Month/ Year that keeps people free from using a pair of earphone. when talking with people through Skype or other communication softwares. It has a good sound effec.

This product is currently quite popular in the market due to the low talking cost that skype offers.Many people prefer to use this rather than a pair of earphones.

Features :

1. PnP USB interface,compatible with USB 1.1 and 2.0
2. 16 bit sound card inside,the PC can without Sound Card
3. Built-in DTMF dialing
4. Incoming call ringing,easy for answering
5. The powered via the USB port with not need for a power adaptor
6. Compact appearance design suitable for notebook
7. Applicable for wide and compatible multi calling platforms
8. Choosing proper platform to communicate between two USB IP phones
9. Review incoming and outgoing call
10. Supports Skype etc software
11. The LCD can display Year/Month/Day/Time

Accessories
1. Instruction manual

Weight
60 pcs: 12.5kgs

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SVX8004

12 Extensions Ip pbx system

Description:

SVX8004 IP pbx system is an allinone converged communications solution ideal for small businesses. The product offers full PBX functionality, including VoiceMail, Auto Attendant, Hunt Group, Ring Group, Call Transfer, Call Forward and much more, which help businesses look big, reduce communications costs and stay connected everywhere.

SVX8004 ip pbx is a hybrid telephone system capable of handling both traditional telephone and Voice over IP calls. Using VoIP allows calls from one location to be routed over the Internet to another location, eliminating long distance charges.

SVX8004 ip pbx system can also directly integrate with VoIP service provider networks. SVX8004 ip pbx system is very easy to understand, configure, and deploy. The web interface is designed to provide a clean and userfriendly configuration window so that users won't get lost in complicated menus and maintenance. A fully working system can be set up quickly and get ready to communicate.

Full Range of PBX Features

SVX8004 ip pbx system offers a full range of traditional PBX features like Call ID, Call Forward, Call Transfer, Call Pickup, Call Waiting and more. All such features are available to both analog and VoIP extensions.

Automatic Route Selection

SVX8004 ip pbx system gives you complete control over your phone lines and extensions. You can automatically place specific types of calls on specific lines.

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RTCCP1000

48 fxo + 552 fxs ip pbx system

1.Brief introduce of CCP1000
1.1 Demands of Market

CCP1000 can offer an integrated communication platform, includes internal PBX system,internal email system; call center; CRM etc.

CCP1000 build an integrated communication system, It will integrate full sets of voice, data and Internet services and abundant service applications in a system, comply different cliensdemands, implement enterprise communications in diversified ways anytime and anywhere atlower charges, simplify system installation management and widen service applications. It is opened; reliable and easy expanded and upgraded
As a result, it may meet your current communication requirements and also plan your futuredevelopment.

1.2 CCP1000 capacity

CCP1000 includes two 19-inch frames;
One is BPC□□Business Process Chassis□□, is main process shelf of CCP1000 (includesIP-PBX service; Value-Add service; Trans fire-wall; Maintenance etc.
One is CCP1000EAC□□Expand Access Chassis□□□can offer more analogue lines/ trunks if not enough in BPC□□two shelves connect by HDLC
The capacity of One CCP1000 includes 1 BPC and 10 EAC:
Full IP-PBX functions Extension Call, Caller Line Identification (CLID), direct dialing-in,call transfer, outgoing-call restriction, do-not-disturb, call waiting, conference call, abbreviated dialing and other functions.

Multiple signaling
interfaces
SS7 signaling, ISDN-PRI, R2 signaling, V5.x, analog loop startup,H.323, SIP, H.248 and MGCP, to implement optional conversion among different signaling and different protocols, support full connection between traditional voice and IP voice network.

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RTCCP1000S

48 fxo + 284 fxs ip pbx system

1.Brief introduce of CCP1000
1.1 Demands of Market
CCP1000 can offer an integrated communication platform, includes internal PBX system, internal email system; call center; CRM etc.

CCP1000 build an integrated communication system, It will integrate full sets of voice, data and Internet services and abundant service applications in a system, comply different cliensdemands, implement enterprise communications in diversified ways anytime and anywhere atlower charges, simplify system installation management and widen service applications. It is opened; reliable and easy expanded and upgraded
As a result, it may meet your current communication requirements and also plan your futuredevelopment.

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The capacity of One CCP1000 includes 1 BPC and 10 EAC:
Full IP-PBX functions Extension Call, Caller Line Identification (CLID), direct dialing-in, call transfer, outgoing-call restriction, do-not-disturb, call waiting, conference call, abbreviated dialing and other functions.

Multiple signaling
interfaces
SS7 signaling, ISDN-PRI, R2 signaling, V5.x, analog loop startup, H.323, SIP, H.248 and MGCP, to implement optional conversion among different signaling and different protocols, support full connection between traditional voice and IP voice network.

CHIMASIP

Chimasip Sip softphone

CHIMASIP softphone

CHIMASIP is a smart SIP softphone run in your PC, you can easily configure it to register to your Asterisk server and make unlimited PC-PC calls and low cost PC-phone calls. This Soft Phone is fully SIP compatible. It can be used in PC2Phone and PC2PC services. Upon client's request, we can make this softphone with our wired or wireless usb phones.

Introduction for " INFO " button
Our Sip Softphone is used together with web billing system. The "Info" button in our Sip Softphone is configured to open URL, e.g, http://server.com/billing.php?user=XXXX & password=XXXX. XXXX stands for login and password. So when you need to see history of calls, press the " INFO " button, then you are directed to Web page on your main server.

Although there is not a button for the local history of calls, we can make it for you as requested so that you can view your call histories in your own computer rather than going to your Server by Web.

1. Compatible with Windows 98/Me/2000/XP/2003
2. Supports work behind NAT/Firewall (STUN is used)
3. G.723.1, G.729, G.711 codecs
4. Voice Activity Detection (reduces data traffic sent during silence periods)
5. Automatic adjustable Jitter buffer
6. DTMF tones (can be integrated with voice mail or other tone driven system)
7. Registers with SIP Registrar
8. Supports SIP Outbound Proxy
9. Displays balance (the summ that remains on user's account)
10. Redial of last number
11. History of 10 latest dialed numbers
12. Quick dial users list

CHIMAH323

ChimaH323 H.323 softphone

CHIMAH323 softphone

CHIMAH323 is a smart softphone run in your PC, you can easily configure it to register to your Asterisk server and make unlimited PC-PC calls and low cost PC-phone calls. This Soft Phone is fully H.323 compatible. It can be used in PC2Phone and PC2PC services. Upon client's request, we can make this softphone with our wired or wireless usb phones.

Introduction for " INFO " button
Our H.323 Softphone is used together with web billing system. The "Info" button in our H.323 Softphone is configured to open URL, e.g, http://server.com/billing.php?user=XXXX & password=XXXX. XXXX stands for login and password. So when you need to see history of calls, press the " INFO " button, then you are directed to Web page on your main server.

Although there is not a button for the local history of calls, we can make it for you as requested so that you can view your call histories in your own computer rather than going to your Server by Web.

Specification
1. Compatible with Windows 98/Me/2000/XP/2003
2. Supports work behind NAT/Firewall (STUN is used)
3. G.723.1, G.729, G.711 codecs
4. Voice Activity Detection (reduces data traffic sent during silence periods)
5. Automatic adjustable Jitter buffer
6. DTMF tones (can be integrated with voice mail or other tone driven system)
7. Registers with gatekeeper or works through gateway
8. Displays balance (the summ that remains on user's account)
9. Redial of last number
10. History of 10 latest dialed numbers
11. Quick dial users list

1 E1 port/ISDN Asterisk PBX card

SAX1E

Features:

One PRI port 30 channels
Hardware DTMF detection
Conference Bridge
PCM bus connectors (PCM30, PCM64, PCM128)
4 dual-color LEDs (layer 1 state indicators)
Active channel switching (across multiple cards over the external PCM bus)
PRI ISDN protocol stack
Suitable for 3.3 volts and 5.0 volts 32 bit PCI 2.2 slots

Application:
ISDN PRI PBX
ISDN least cost router
Voice over IP PRI gateways
VoIP integration of ISDN equipment
PBX to PBX trunking
IVR

Specifications:

EuroISDN
AT&R 4ESS
Lucent 5E
National ISDN2

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SAX4E

1 E1 port/ISDN Asterisk PBX card

Description:

SAX4E is a Quad-Span E1 half-length PCI card which supports both telephony and data modes. SAX4E has four E1/PRI interfaces supporting PRA signaling, HDLC, PPP and Frame Relay data modes, and any combination thereof.
With SAX4E, you can easily build your IP-PBX or Carrier system with handling 124 channels/calls.

Features

1. Same as Tormenta2 and Digium's E400P cards,
2. Provide four E1/PRI interface for to 124 channels/calls
3. Supports standard telephony and data protocols.
(Including RBS and PRI protocol families for voice and PPP, Cisco HDLC and Frame Relay data modes).
4. 100% compatible Asterisk PBX all features.
5. Support SS7 (through chan_ss7)
6. Be used for VoIP/Call Center/PBX

Applications:

1. PBX/IVR Services
2. VoIP Services
3. VoIP Gateways
4. FAX Server, FAX On Demand
5. Voice Mail Services
6. Call Centers
7. Prepaid Calling Card System
8. Callback Service
9. Traditional Calls/VoIP Calls Conference

E&M:
Wink /Feature Group B /Feature Group D
FXO & FXS / Ground Start/Loop Start
Loop Start with Disconnect Detect

Specifications:
Data Modes:
Cisco HDLC /HDLC/PPP
Multilink PPP/Frame Relay
Voice Modes:
PRI CPE & PRI NET:
-NI1/-NI2/-EuroISDN
-4ESS(AT&T)/-5ESS(Lucent)
-DMS100

Interfaces:
4 X E1 interfaces
PCI 5.0V interface

SAX4S

4 TE port/ISDN Asterisk PBX card

4 TE Port / ISDN Asterisk PBX card

Features:

4 Basic Rate Interface ports (I.421) for TE and NT mode

Hardware DTMF detection

Conference bridge

PCM bus connectors daisy chaining of max. 4 cards

4 dual-color LEDs (layer 1 state indicators)

Active channel switching (across multiple cards over the external PCM bus)
TRB3/TRB3-A1 certified

Point-to-Point (TE/NT) and Point-to-Multipoint (TE/NT) EuroISDN
protocol stack
Suitable for 3.3 volts and 5.0 volts 32 bit PCI 2.2 slots

Application:

ISDN BRI PBX

ISDN least cost router

Voice over IP BRI gateways

VoIP integration of ISDN equipment

PBX to PBX trunking

IVR

SAX4T is a Quad-Span T1 half-length PCI card which supports both telephony and data modes. AX-4T has four T1/PRI interfaces supporting PRA signalling, HDLC, PPP and Frame Relay data modes, and any combination thereof. With SAX4T, you can easily build your IP-PBX or Carrier system with handling 96 channels/calls.

SAX4T

4 T1 port/ISDN Asterisk PBX card

Features:

1. Same as Tormenta2 and Digium's T400P cards,
2. Provide four T1/PRI interface for to 96 channels/calls
3. Supports standard telephony and data protocols. (Including RBS and PRI protocol families for voice and PPP, Cisco HDLC and Frame Relay data modes).
4. 100% compatible Asterisk PBX all features.
5. Be used for VoIP/Call Center/PBX

Applications:
1. PBX/IVR Services
2. VoIP Services
3. VoIP Gateways
4. Voice Mail Services
5. Call Centers
6. Prepaid Calling Card System
7. Callback Service
8. Traditional Calls/VoIP Calls Conference

Specification:
Data Modes:
Cisco HDLC /HDLC/PPP
Multilink PPP /Frame Relay
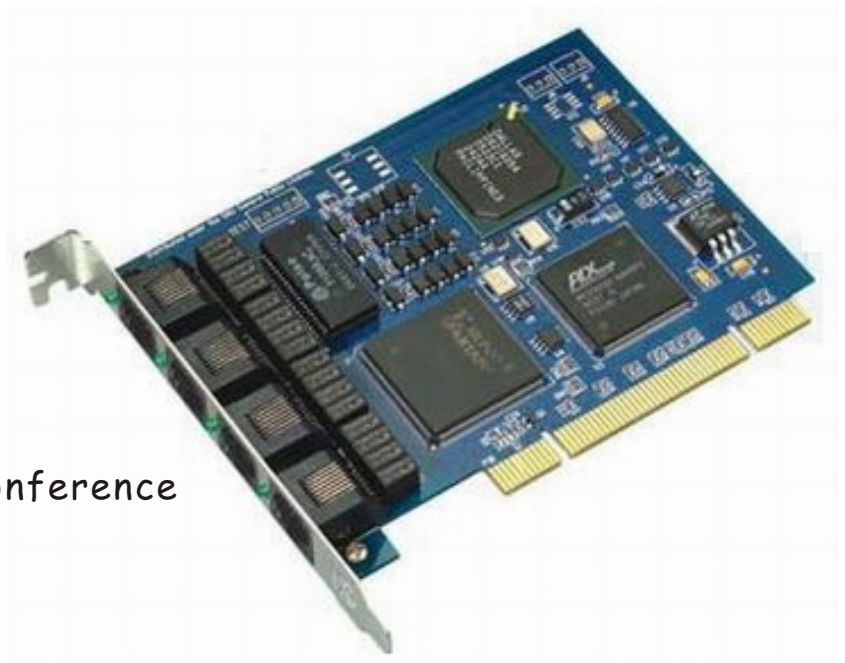Voice Modes:
PRI CPE & PRI NET:
-NI1 /-NI2 /-4ESS(AT&T)
-5ESS(Lucent)/-DMS100

Interfaces:
4 X T1 interfaces
PCI 5.0V interface

E&M:
-Wink
-Feature Group B
-Feature Group D
FXO & FXS
-Ground Start
-Loop Start
-Loop Start with Disconnect Detect

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SVW900

SVW900 802.11g Vowlan Sip phone

Description:

The SVW900 VoWLAN SIP IP Phone allows you to transmit and receive the voice over a wireless LAN. The SVW900 Vowlan SIP IP Phone allows you to make phone calls using your broadband connection.

The battery life of SVW900 Vowlan SIP IP phone is extended and its consumption of battery is very low. The SVW900 Vowlan SIP IP Phone provides superior audio quality with low end-to-end delay.

The SVW900 Vowlan SIP IP Phone also provides mobility for the traditional and vertical enterprise markets and the residential/SOHO cordless market.

With a web-based UI (User Interface), the SVW900 Vowlan SIP IP Phone is easy to setup and maintain. All functions can be configured with the UI via web browsers.

Product Name:
802.11g VoWLAN IP Phone
Voice codecs:
SIP v2 Session Initiation
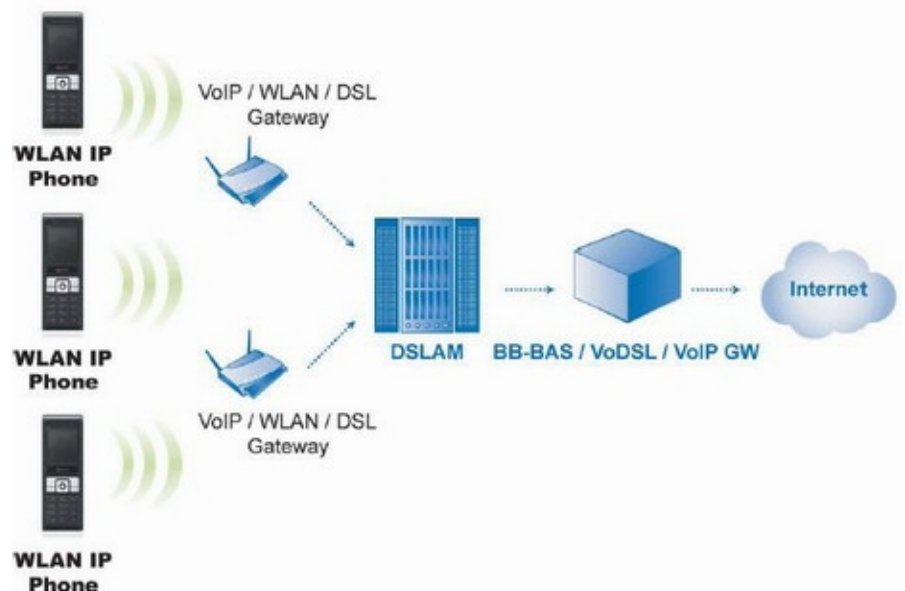Protocol (RFC3261),
SDP (RFC2327)

Supported codecs:
G.711,G.729 a/b

Voice Quality

Acoustic Echo Cancellation
Jitter Buffer Control
Comfortable Noise Generation

Application:

SVW901

SVW901 Wifi Sip phone

The SVW901 Wifi SIP Phone SIP IP Phone allows you to transmit and receive the voice over a wireless network connection. The SVW901 Wifi SIP IP Phone allows you to make phone calls using your broadband connection.

The battery life of SVW901 WIFI SIP IP phone is extended and its consumption of battery is very low. The SVW901 Wifi SIP IP Phone provides superior audio quality. For ITSP operators, The SVW901 Wifi SIP IP Phone can be locked with their own services

VoIP Protocol
> IETF SIP (RFC3261)

LCD Display
> 128x128 pixels, 256 colors, 4 menu colors
> LED backlight

Keyboard
> 16 Keys
> Volume + and -
> 5 way navigation paddle
> Keyboard backlight

Wireless Characteristics
> Signal type: 802.11b/g
> 802.11b Data Rate: 1, 2, 5.5, 11 Mbps
> 802.11g Data Rate: 6, 9, 12, 18, 24, 36, 48, 54 Mbps

Operating Frequencies
> USA/Canada: 2.412 – 2.462 GHz (11 channels)
> Europe: 2.412 – 2.472 GHz (13 channels)
> Japan: 2.412 – 2.472 and 2,484 GHz (14 Channels)

Call Features
> Call Hold
> Call Mute
> Caller ID Display
> Anonymous call (Conditional)
> Anonymous call blocking (Conditional)
> Message waiting indicator
> Redial

STE-305-P

5 port 10/100mbps fast ethernet switch

Features:

1. 5 10/100M RJ-45 port
2. Store and forward mode
3. 10/100M auto-negotiation, maximum speed to 20/200M (full-duplex)
4. Supports IEEE 802.3x full-duplex flow control and back pressure half-duplex flow control
5. Supports MAC self-learning
6. Dynamic LED indicators
7. Steel case, suitable for desktop use

STE-308-P

8 port 10/100mbps fast ethernet switch

Features:
1. 8 10/100M RJ-45 port
2. Store and forward mode
3. 10/100M auto-negotiation, maximum speed to 20/200M (full-duplex)
4. Supports IEEE 802.3x full-duplex flow control and back pressure half-duplex flow control
5. Automatic MDI/MDI-X configuration
6. Supports MAC self-learning
7. Dynamic LED indicators
8. Steel case, suitable for desktop use

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STE-316-P

16 port 10/100mbps fast ethernet switch

Features:

1. 16 10/100M RJ-45 port
2. Store and forward mode
3. 10/100M auto-negotiation, maximum speed to 20/200M (full-duplex)
4. Supports IEEE 802.3x full-duplex flow control and back pressure half-duplex flow control
5. Supports MAC self-learning
6. Built-in 12Kx64 SRAM
7. Supports two queue for Qos
8. Supports priority features by Port-Based, 802.1p VLAN & IP TOS of packets
9. Supports 2048 MAC addresses table
10. Supports port-based VLAN
11. Dynamic LED indicators
12. Steel case, suitable for desktop use

STE-324-P

24 port 10/100mbps fast ethernet switch

Features:

1. 24 10/100M RJ-45 port
2. Store and forward mode
3. 10/100M auto-negotiation, maximum speed to 20/200M (full-duplex)
4. Supports IEEE 802.3x full-duplex flow control and back pressure half-duplex flow control
5. Supports MAC self-learning
6. Built-in 12Kx64 SRAM
7. Supports two queue for Qos
8. Supports priority features by Port-Based, 802.1p VLAN & IP TOS of packets
9. Supports 2048 MAC addresses table
10. Supports port-based VLAN
11. Dynamic LED indicators
12. Steel case, suitable for desktop use

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STE-348-P

48 port 10/100mbps fast ethernet switch

Description:

The STE-348-P is a 48 port 10/100Base-Tx fast ethernet switch. Its high stability enables it very suitable for the high load networking environment. It provides 48 ports 10/100Base-T ports, that supports half-duplex, full-duplex with Auto-MDIX function, it is the best choice for enterprises, large scaled companies,etc.

Specification:

1. Complies with IEEE802.3, IEEE802.3U,
2. Provides 48 10/100Base-Tx ports
3. Provides AUTO MDI/MDIX Function that simplified the network span, maintain the working stability.
4. Auto NWAY , atuo sense the transmission rate, Duplex mode, Automatically choose a best network connection mode.
   Easy to use, plug and play.
5. Support IEE802.3X full duplex, half-duplex backpressure flow control.
6. Support full speed forwarding rate (no block).
7. Store and Forward working, Support MAC address auto learning, Intergrates 8K MAC address,
   fully get use of different kinds of appliance.
8. A high performance power supply schemed inside, 19' Rack Steel case.

Standards & Protocols: IEEE802.3, IEEE802.3u, IEEE 802.3x
Ports : 48 10/100Base-Tx (Auto MDI/MDIX)
Cable :
>>> 10Base-T:Cat 3 /5 UTP
>>> 100Base-TX:Cat 5 UTP
Working Mode: Store and Forward
LED indicator :
 1.Power: Green Led
2.1 Led for each Rj45 port
3. Link/Act Led
4.Connecting: LED lights, Transferring date: Led Glitters

STE-205-X3X1

5 port 10/100mbps fiber optic switch

The STE-205-X3X1 is an Optical fiber switch that offers 5 port 10/100Base-FX. It supports both Single optical fiber and dual optical fiber, its transmission distance ranges from 2km to 120km. This optical fiber switch works under both Half-duplex and full-duplex modes. It supports the STAR network topology and it is an ideal option for fiber to home (Ftth) optical fiber solution, city optical fiber networks,etc.

Features:

1. 5-Port 10/100Mbps fiber module for option
2. Supports STORE AND FORWARD switching.
3. Conforms to IEEE 802.3x back pressure in half-duplex and flow control in full-duplex operation mode
4. Supports MAC self-learning
5. Dynamic LED indicators
6. Supports port-based VLAN
7. Steel case

STE-208-X3X1

8 port 10/100mbps fiber optic switch

The STE-208-X3X1 is an Optical fiber switch that offers 8 port 10/100Base-FX. It supports both Single optical fiber and dual optical fiber, its transmission distance ranges from 2km to 120km. This optical fiber switch works under both Half-duplex and full-duplex modes. It supports the STAR network topology and it is an ideal option for fiber to home (Ftth) optical fiber solution, city optical fiber networks,etc.

Features:

1. 8-Port 10/100Mbps fiber module for option
2. Supports STORE AND FORWARD switching.
3. Supports MAC self-learning
4. Dynamic LED indicators
5. Supports port-based VLAN
6. Steel case
7. Conforms to IEEE 802.3x back pressure in half-duplex and flow control in full-duplex operation mode

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STE-216-X3X1

16 port 10/100mbps fiber optic switch

Description:

The STE-216-X3X1 is an Optical fiber switch that offers 16 port 10/100Base-FX. It supports both Single optical fiber and dual optical fiber, its transmission distance ranges from 2km to 120km. This optical fiber switch works under both Half-duplex and full-duplex modes. It supports the STAR network topology and it is an ideal option for fiber to home (Ftth) optical fiber solution, city optical fiber networks,etc.

Features:
1. 16-Port 10/100Mbps fiber module for option
2. Supports STORE AND FORWARD switching.
3. Conforms to IEEE 802.3x back pressure in half-duplex and flow control in full-duplex operation mode
4. Supports MAC self-learning
5. Dynamic LED indicators
6. Supports port-based VLAN
7. Steel case

Specifications:

Protocols: IEEE802.3, IEEE802.3u, IEEE 802.1x
Topology: STAR
Number of Ports: 16 10/100mbps fiber optic ports
Transmission Rate: 10Mbps: 14880pps, 100Mbps: 148800pps
Switching mode: Store and Forward
Flow control mode: IEEE 802.3x full-duplex flow control and back pressure flow control
Cable Support 10Base-T: 3, 4 or Cat 5 shielded / unshielded twisted pair, 100 meters max.,
100Base-TX: Cat 5 shielded / unshielded twisted pair, 100 meters max.
100Base-Fx: 8.3μm, 8.7μm, 9μm and 10μm on single mode fiber and 50, 62.5 and 100μm on multi-mode fiber
Power supply AC:220V or DC:-48V

24 port 10/100mbps fiber optic switch

STE-224-X3X1

Description:

The STE-224-X3X1 is an Optical fiber switch that offers 16 port 10/100Base-FX. It supports both Single optical fiber and dual optical fiber, its transmission distance ranges from 2km to 120km. This optical fiber switch works under both Half-duplex and full-duplex modes. It supports the STAR network topology and it is an ideal option for fiber to home (Ftth) optical fiber solution, city optical fiber networks,etc.

Features:
1. 24-Port 10/100Mbps fiber module for option
2. Supports STORE AND FORWARD switching.
3. Conforms to IEEE 802.3x back pressure in half-duplex and flow control in full-duplex operation mode
4. Supports MAC self-learning
5. Dynamic LED indicators
6. Supports port-based VLAN
7. Steel case

Specifications:

Protocols: IEEE802.3, IEEE802.3u, IEEE 802.1x
Topology: STAR
Number of Ports: 24 10/100mbps fiber optic ports
Transmission Rate: 10Mbps: 14880pps, 100Mbps: 148800pps
Switching mode: Store and Forward
Flow control mode: IEEE 802.3x full-duplex flow control and back pressure flow control
Cable Support 10Base-T: 3, 4 or Cat 5 shielded / unshielded twisted pair, 100 meters max.,
100Base-TX: Cat 5 shielded / unshielded twisted pair, 100 meters max.
100Base-Fx: 8.3μm, 8.7μm, 9μm and 10μm on single mode fiber and 50, 62.5 and 100μm on multi-mode fiber
Power supply AC:220V or DC:-48V

STE-102-X3X1

2 port 10/100mbps fiber + 1 port 10/100mbps copper fiber optic switch

The STE-102-X3X1 is an Optical fiber switch that offers 2 port 10/100Base-FX optical and 1 port 10/100Base-Tx Copper. It supports both Single optical fiber and dual optical fiber, its transmission distance ranges from 2km to 120km. This optical fiber switch works under both Half and full-duplex mode. It supports the STAR network topology and it is an ideal option for fiber to home (Ftth) optical fiber solution, city optical fiber networks,etc.

Features:

1. High stability and excellent reliability
2. Auto negotiation for 10/100m TP port speed
3. 2 Port 10/100Base-Fx optical fiber
4. .Half duplex and full duplex identify automatically.
5. Store-and-forward switching provides unobstructed flow.
6. LEDS for monitoring the status of power, Link/ACT, 10/100M, half/full duplex.
7. Plug-and-play installation.
8. Supports broadcast storm filtering control.

Protocol: CSMA/CD
Standard: IEEE802.3 10BASE-T,IEEE802.3u 100BASE-TX/FX, IEEE802.3x
Topology: STAR
Number of Ports: 2 Port10/100 mbps optical fiber + 1 port 10/100mbps copper
Transmission Rate: 10Mbps: 14880pps, 100Mbps:148800pps
Flow control mode: IEEE 802.3x full-duplex flow control and back pressure flow control
Cable Support: 10Base-T: 3, 4 or Cat 5 shielded / unshielded twisted pair, 100 meters max,100Base-TX: Cat 5 shielded / unshielded twisted pair, 100 meters max.100Base-Fx: 8.3μm, 8.7μm, 9μm and10μm on single mode fiber and 50, 62.5 and 100μm on multi-mode fiber

STE-323-X3X1

2 port 10/100mbps fiber + 3 port 10/100mbps copper fiber optic switch

Ethernet Media Converter
3-Port 10/100M Base-Tx & 2-Port 100M Base-Fx

The STE-323-X3X1 is an Optical fiber switch that offers 2 port 10/100Base-FX optical fiber and 3 port 10/100Base-Tx Copper. It supports both Single optical fiber and dual optical fiber, its transmission distance ranges from 2km to 120km. This optical fiber switch works under full-duplex mode. It supports the STAR network topology and it is an ideal option for fiber to home (Ftth) optical fiber solution, city optical fiber networks,etc.

Features:
1. 2 port 10/100M RJ-45
2. 3 port 100Base-Fx optical fiber
3. Store and forward mode
4. 10/100M auto-negotiation, maximum speed to 20/200M (full-duplex)
5. Supports IEEE 802.3x full-duplex flow control and back pressure half-duplex flow control
6. Supports MAC self-learning
7. Automatic MDI/MDI-X configuration
8. Port base VLAN
9. LED status of Link, activity, Full/half duplex, speed,and power on diagnostic function
Protocol:CSMA/CD
Standard: IEEE802.3 10BASE-T,IEEE802.3u, 100BASE-TX/FX, IEEE802.3x
Topology: STAR
Number of Ports: 3 Port 10/100Base-Tx And 2 Port 100Base-Fx optical fiber
Transmission Rate: 10Mbps: 14880pps, 100Mbps:148800pps
Flow control mode: IEEE 802.3x full-duplex flow control and back pressure flow control
Cable Support 10Base-T: 3,4 or Cat 5 shielded / unshielded twisted pair, 100 meters max,100Base-TX: Cat 5 shielded / unshielded twisted pair, 100 meters max.100Base-Fx: 8.3μm, 8.7μm, 9μm and10μm on single mode fiber and 50, 62.5 and 100μm on multi-mode fiber Fiber Cables/Connectors Single Mode/ Multi Mode
fiber cable: SC,ST connector optional

STE-332-X3X1

3 port 10/100mbps fiber + 2 port 10/100mbps copper fiber optic switch

The STE-332-X3X1 is an Optical fiber switch that offers 3 port 10/100Base-FX optical fiber and 2 port 10/100Base-Tx Copper. It supports both Single optical fiber and dual optical fiber, its transmission distance ranges from 2km to 120km. This optical fiber switch works under full-duplex mode. It supports the STAR network topology and it is an ideal option for fiber to home (Ftth) optical fiber solution, city optical fiber networks,etc.

Features:
1. 3 port 10/100M RJ-45
2. 2 port 100Base-Fx optical fiber
3. Store and forward mode
4. 10/100M auto-negotiation, maximum speed to 20/200M (full-duplex)
5. Supports IEEE 802.3x full-duplex flow control and back pressure half-duplex flow control
6. Supports MAC self-learning
7. Automatic MDI/MDI-X configuration
8. Port base VLAN
9. LED status of Link, activity, Full/half duplex, speed,and power on diagnostic function
Protocol:CSMA/CD
Standard: IEEE802.3 10BASE-T,IEEE802.3u, 100BASE-TX/FX, IEEE802.3x
Topology: STAR
Number of Ports: 2 Port 10/100Base-Tx And 3 Port 100Base-Fx optical fiber
Transmission Rate: 10Mbps: 14880pps, 100Mbps:148800pps
Flow control mode: IEEE 802.3x full-duplex flow control and back pressure flow control
Cable Support 10Base-T: 3, 4 or Cat 5 shielded / unshielded twisted pair, 100 meters max,100Base-TX: Cat 5 shielded / unshielded twisted pair, 100 meters max.100Base-Fx: 8.3μm, 8.7μm, 9μm and 10μm on single mode fiber and 50, 62.5 and 100μm on multi-mode fiber Fiber Cables/Connectors Single Mode/ Multi Mode
fiber cable: SC,ST connector optional

CHIMA 赤马

STE-314-X3X1

1 port 10/100mbps fiber + 4 port 10/100mbps copper fiber optic switch

The STE-314-X3X1 is an Optical fiber switch that offers 1 port 10/100Base-FX optical fiber and 1 port 10/100Base-Tx Copper. It supports both Single optical fiber and dual optical fiber, its transmission distance ranges from 2km to 120km. This optical fiber switch works under full-duplex mode. It supports the STAR network topology and it is an ideal option for fiber to home (Ftth) optical fiber solution, city optical fiber networks,etc.

Features:
1. 4 port 10/100M RJ-45 and 1 port 100Base-Fx optical fiber
3. Store and forward mode
4. 10/100M auto-negotiation, maximum speed to 20/200M (full-duplex)
5. Supports IEEE 802.3x full-duplex flow control and back pressure half-duplex flow control
6. Supports MAC self-learning
7. Automatic MDI/MDI-X configuration
8. Port base VLAN
9. LED status of Link, activity, Full/half duplex, speed,and power on diagnostic function
Protocol:CSMA/CD
Standard: IEEE802.3 10BASE-T,IEEE802.3u, 100BASE-TX/FX, IEEE802.3x
Topology: STAR
Number of Ports: 1 Port 10/100Base-Tx And 4 Port 100Base-Fx optical fiber
Transmission Rate: 10Mbps: 14880pps, 100Mbps:148800pps
Flow control mode: IEEE 802.3x full-duplex flow control and back pressure flow control
Cable Support 10Base-T: 3, 4 or Cat 5 shielded / unshielded twisted pair, 100 meters max,100Base-TX: Cat 5 shielded / unshielded twisted pair, 100 meters max.100Base-Fx: 8.3μm, 8.7μm, 9μm and10μm on single mode fiber and 50, 62.5 and 100μm on multi-mode fiber Fiber Cables/Connectors Single Mode/ Multi Mode
fiber cable: SC,ST connector optional

CHIMA
赤马

STE-326-X3X1

6 port 10/100mbps fiber + 2 port 10/100mbps copper fiber optic switch

Ethernet Media Converter
6-Port 10/100M Base-Tx & 2-Port 100M Base-Fx

The STE-326-X3X1 is an Optical fiber switch that offers 2 port 10/100Base-FX optical fiber and 6 port 10/100Base-Tx Copper. It supports both Single optical fiber and dual optical fiber, its transmission distance ranges from 2km to 120km. This optical fiber switch works under full-duplex mode. It supports the STAR network topology and it is an ideal option for fiber to home (Ftth) optical fiber solution, city optical fiber networks,etc.

Features:
1. 6 port 10/100M RJ-45 and 2 port 100Base-Fx optical fiber
3. Store and forward mode
4. 10/100M auto-negotiation, maximum speed to 20/200M (full-duplex)
5. Supports IEEE 802.3x full-duplex flow control and back pressure half-duplex flow control
6. Supports MAC self-learning
7. Automatic MDI/MDI-X configuration
8. Port base VLAN
9. LED status of Link, activity, Full/half duplex, speed,and power on diagnostic function

Protocol:CSMA/CD
Standard: IEEE802.3 10BASE-T,IEEE802.3u, 100BASE-TX/FX, IEEE802.3x
Topology: STAR
Transmission Rate: 10Mbps: 14880pps, 100Mbps:148800pps
Flow control mode: IEEE 802.3x full-duplex flow control and back pressure flow control
Cable Support 10Base-T: 3, 4 or Cat 5 shielded / unshielded twisted pair, 100 meters max,100Base-TX: Cat 5 shielded / unshielded twisted pair, 100 meters max.100Base-Fx: 8.3μm, 8.7μm, 9μm and10μm on single mode fiber and 50, 62.5 and 100μm on multi-mode fiber Fiber Cables/Connectors Single Mode/ Multi Mode
fiber cable: SC,ST connector optional

STE-317-X3X1

7 port 10/100mbps fiber + 1 port 10/100mbps copper fiber optic switch

The STE-317-X3X1 is an Optical fiber switch that offers 1 port 10/100Base-FX optical fiber and 7 port 10/100Base-Tx Copper. It supports both Single optical fiber and dual optical fiber, its transmission distance ranges from 2km to 120km. This optical fiber switch works under full-duplex mode. It supports the STAR network topology and it is an ideal option for fiber to home (Ftth) optical fiber solution, city optical fiber networks,etc.

Features:
1. 7 port 10/100M RJ-45 and 1 port 100Base-Fx optical fiber
3. Store and forward mode
4. 10/100M auto-negotiation, maximum speed to 20/200M (full-duplex)
5. Supports IEEE 802.3x full-duplex flow control and back pressure half-duplex flow control
6. Supports MAC self-learning
7. Automatic MDI/MDI-X configuration
8. Port base VLAN
9. LED status of Link, activity, Full/half duplex, speed,and power on diagnostic function

Protocol:CSMA/CD
Standard: IEEE802.3 10BASE-T,IEEE802.3u, 100BASE-TX/FX, IEEE802.3x
Topology: STAR
Transmission Rate: 10Mbps: 14880pps, 100Mbps:148800pps
Flow control mode: IEEE 802.3x full-duplex flow control and back pressure flow control
Cable Support 10Base-T: 3,4 or Cat 5 shielded / unshielded twisted pair, 100 meters max,100Base-TX: Cat 5 shielded / unshielded twisted pair, 100 meters max.100Base-Fx: 8.3μm, 8.7μm, 9μm and10μm on single mode fiber and 50, 62.5 and 100μm on multi-mode fiber Fiber Cables/Connectors Single Mode/ Multi Mode
fiber cable: SC,ST connector optional

14 port 10/100mbps fiber + 2 port 10/100mbps copper fiber optic switch

The STE-32A-X3X1 is an Optical fiber switch that offers 2 port 10/100Base-FX optical fiber and 14 port 10/100Base-Tx Copper. It supports both Single optical fiber and dual optical fiber, its transmission distance ranges from 2km to 120km. This optical fiber switch works under full-duplex mode. It supports the STAR network topology and it is an ideal option for fiber to home (Ftth) optical fiber solution, city optical fiber networks,etc.

Features:
1. 14 port 10/100M RJ-45 and 2 port 100Base-Fx optical fiber
3. Store and forward mode
4. 10/100M auto-negotiation, maximum speed to 20/200M (full-duplex)
5. Supports IEEE 802.3x full-duplex flow control and back pressure

STE-32A-X3X1

half-duplex flow control
6. Supports MAC self-learning
7. Automatic MDI/MDI-X configuration
8. Port base VLAN
9. LED status of Link, activity, Full/half duplex, speed,and power on diagnostic function

Protocol:CSMA/CD
Standard: IEEE802.3 10BASE-T,IEEE802.3u, 100BASE-TX/FX, IEEE802.3x
Transmission Rate: 10Mbps: 14880pps, 100Mbps:148800pps
back pressure flow control
Cable Support 10Base-T: 3,4 or Cat 5 shielded / unshielded twisted pair, 100 meters max,100Base-TX: Cat 5 shielded / unshielded twisted pair, 100 meters max.100Base-Fx: 8.3μm, 8.7μm, 9μm and10μm on single mode fiber and 50, 62.5 and 100μm on multi-mode fiber Fiber Cables/Connectors Single Mode/ Multi Mode
fiber cable: SC,ST connector optional

15 port 10/100mbps fiber + 1 port 10/100mbps copper fiber optic switch

The STE-31A-X3X1 is an Optical fiber switch that offers 1 port 10/100Base-FX optical fiber and 15 port 10/100Base-Tx Copper. It supports both Single optical fiber and dual optical fiber, its transmission distance ranges from 2km to 120km. This optical fiber switch works under full-duplex mode. It supports the STAR network topology and it is an ideal option for fiber to home (Ftth) optical fiber solution, city optical fiber networks,etc.

Features:
1. 15 port 10/100M RJ-45 and 1 port 100Base-Fx optical fiber
3. Store and forward mode
4. 10/100M auto-negotiation, maximum speed to 20/200M (full-duplex)
5. Supports IEEE 802.3x full-duplex flow control and back pressure

STE-31A-X3X1

half-duplex flow control
6. Supports MAC self-learning
7. Automatic MDI/MDI-X configuration
8. Port base VLAN
9. LED status of Link, activity, Full/half duplex, speed,and power on diagnostic function

Protocol:CSMA/CD
Standard: IEEE802.3 10BASE-T,IEEE802.3u, 100BASE-TX/FX, IEEE802.3x
Transmission Rate: 10Mbps: 14880pps,100Mbps:148800pps
back pressure flow control
Cable Support 10Base-T: 3,4 or Cat 5 shielded / unshielded twisted pair, 100 meters max,100Base-TX: Cat 5 shielded / unshielded twisted pair, 100 meters max.100Base-Fx: 8.3μm, 8.7μm, 9μm and 10μm on single mode fiber and 50, 62.5 and 100μm on multi-mode fiber Fiber Cables/Connectors Single Mode/ Multi Mode
fiber cable: SC,ST connector optional

24 port 10/100mbps fiber + 1 port 10/100mbps copper Web-managed fiber optic switch

The STE-31B-X3X1 is a 10/100M Management Switch fully complies with IEEE802.3/IEEE802.3u Ethernet standards. Its standard 19-inch size and intelligent management make it suitable for small, middle and large optical fiber networks. It provides Twenty-four 10/100Mbps UTP/STP RJ45 ports with auto-MDI/MDIX plus 1 10/100mbps optical fiber port. It also provides powerful management functions,including the system IP setting,Port Vlan control,Trunk control, Bandwidth control,Port Mirroring control, Broadcast Storm Control,priority and system security control so on. It is the perfect choice to improve the performance of Offices and Workgroups optical fiber networks.

STE-31B-X3X1

Features：

1..Complies with:IEEE802.3 10BASE-T and IEEE802.3u 100BASE-TX
2.Supports Twenty-four 10M/100M auto-detect Half/Full duplex ports.
3.Provides one independent extension slots support 100Mbps optical fiber module card
4.Provides Web management
5.Supports port-based VLAN and MTU VLAN function.
6.Supports Port Security,Bradcast Storm control,Bandwidth Control (the minimum granularity is 200Kbps) ,Port Mirroring control and Trunk control so on.
7.Supports Store&Forward architecture and performs forwarding and filtering at non-blocking full wire speed.
8.Supports 802.3x Flow Control pause packet for Full Duplex in case buffer is full
9.Supports Back Pressure function for Half/Duplex operation in case buffer is full
10.Supports MAC address auto-learning.
11.Supports firmware upgrade,configuration store and restored by software.
12.Standard 19-inch rack-mountable steel case, internal power supply

24 port 10/100mbps fiber + 2 port 10/100mbps copper fiber optic switch

The STE-32B-X3X1 is an Optical fiber switch that offers 2 port 10/100Base-FX optical fiber and 24 port 10/100Base-Tx Copper. It supports both Single optical fiber and dual optical fiber, its transmission distance ranges from 2km to 120km. This optical fiber switch works under full-duplex mode. It supports the STAR network topology and it is an ideal option for fiber to home (Ftth) optical fiber solution, city optical fiber networks,etc.

Features:
1. 24 port 10/100M RJ-45 and 2 port 100Base-Fx optical fiber
3. Store and forward mode
4. 10/100M auto-negotiation, maximum speed to 20/200M (full-duplex)
5. Supports IEEE 802.3x full-duplex flow control and back pressure

STE-32B-X3X1

half-duplex flow control
6. Supports MAC self-learning
7. Automatic MDI/MDI-X configuration
8. Port base VLAN
9. LED status of Link, activity, Full/half duplex, speed,and power on diagnostic function

Protocol:CSMA/CD
Standard: IEEE802.3 10BASE-T,IEEE802.3u, 100BASE-TX/FX, IEEE802.3x
Transmission Rate: 10Mbps: 14880pps, 100Mbps:148800pps
back pressure flow control
Cable Support 10Base-T: 3, 4 or Cat 5 shielded / unshielded twisted pair, 100 meters max,100Base-TX: Cat 5 shielded / unshielded twisted pair, 100 meters max.100Base-Fx: 8.3μm, 8.7μm, 9μm and10μm on single mode fiber and 50, 62.5 and 100μm on multi-mode fiber Fiber Cables/Connectors Single Mode/Multi Mode
fiber cable: SC,ST connector optional

Layer-2 Managed Ethernet switch(24 / 48 port + 2 Optional Slots)

STES2026/STES2050

The STES2026/STES2050 Series is a line of intelligent Layer 2 Ethernet switches providing up to 24/48 auto-sensing 10/100 Ethernet ports. It is an ideal option for small and medium enterprise workgroups.

The STE S2026/STES2050 Series supports in hardware Layer 2-7 flow classification, Comprehensive QoS functionality and flexible ACL filtering policies. Compliant with IEEE 802.1x, it enhances network security through user authentication and authorization.

Features
High Switching Capacity and Wire-speed layer 2 switching
Up to 8.8/17.6 Gbps switching capacity;
Up to 6.6/13.2 Mbps forwarding;

Enhanced Port Functionality
Support for IEEE 802.3x auto negotiation and MDI/MDIX self-calibration across all ports;
Support for IEEE 802.3ad port binding across all ports.

Intelligent QoS
Multi-layer flow classification and flow processing;
Independent packet filters at each port for intelligent differentiation of application flows;
User-defined multi-layer flow classification rules;
Support for up to 1K flow classification;
Support for IEEE 802.1p and DiffServ Code Point;
Support for intelligent Layer 2-7 flow classification.

Comprehensive Security Policies
Compliance with IEEE 802.1x;
Support for multiple ACL filtering policies to ensure controlled access to the network.

Intelligent Network Management
Support for the EasyView Network Management Platform

Web-managed 8 Port 10/100Mbps fast ethernet switch

The STES2908 is an 8-port 10/100Mbps Auto-Negotiation Web-Smart switch. STES2908 supports port mirroring and port bandwidth control. Administrator can monitors the real-time connectivity status of each port through the Web-based Interface. STES2908 supports Port VLAN of up to 9 groups and Port Trunking of up to 2 groups, QoS, Static MAC Address Table, port security, and broadcast storm control. STES2908 has easy-to-use management Interface, fits small and medium size enterprise, net cafe and smart residential area,etc.

STES2908

Features
 1. Fully Compliant with IEEE802.3, IEEE802.3u, IEEE802.3x, 8 10/100Mbps Auto-Negotiation RJ45 ports,
2. Auto MDI/MDI-X plus 1 Uplink port, RJ45
3. Basic setting function of each port: 10/100Mbps Auto-Negotiation mode setting,
4. Full/Half duplex mode setting, 802.3x back pressure flow control setting, port status indicating
5. Port Mirroring: To monitor more than one port at the same time, supports port monitoring receiving, port monitoring sending and port monitoring of receiving and sending modes, supports monitoring across different VLANs
6.Port Bandwidth Control: support 8 different levels of port bandwidth control
7.VLAN: supports port-based VLAN to divide different VLAN groups
8. Port Trunking: Supports Port Trunking of 2 groups, 2/4 ports per group, support fault tolerant and hot backupof the cascade connection pipeline
 9. Priority setting: Support 3 types of Priority Queues control, realize simple QoS application,to prioritize mission-critical data such as voice or video packets
10. MAC Address Filtering: MAC address learning control, filtering of fixed MAC address
11. Broadcast storm control: broadcast storm configuration
12. Backup: Support the backup and recovery of the configuration of the switch
13. Firmware upgrade: Support firmware upgrade via TFTP
14. Easy-to-use operation guide: offer simplified and simple description of function, operating guide,help user to fast plug and play

Web-managed 16 Port 10/100Mbps fast ethernet switch

The STES2016 is a 16-port 10/100Mbps Auto-Negotiation Web-Smart switch. STES2016 supports port mirroring and port bandwidth control. Administrator can monitors the real-time connectivity status of each port through the Web-based Interface. STES2016 supports Port VLAN of up to 16 groups and Port Trunking of up to 2 groups, QoS, Static MAC Address Table, port security, and broadcast storm control. STES2016 has easy-to-use management Interface, fits small and medium size enterprise, net cafe and smart residential area, etc.

Features

> Fully Compliant with IEEE802.3, IEEE802.3u, IEEE802.3x, 16 10/100Mbps Auto-Negotiation Rj45 ports, Auto MDI/MDI-X

STES2106

> Basic setting function of each port: 10/100Mbps Auto-Negotiation mode setting, Full/Half duplex mode setting, 802.3x back pressure flow control setting, port status indicating

> Port Mirroring: To monitor more than one port at the same time, supports port monitoring receiving, port monitoring sending and port monitoring of receiving and sending modes, supports monitoring across different VLANs
> Port Bandwidth Control: support 8 different levels of port bandwidth control
> VLAN: supports port-based VLAN to divide different VLAN groups
> Port Trunking: Supports Port Trunking of 2 groups, 2/4 ports per group, support fault tolerant and hot backup of the cascade connection pipeline
> Priority setting: Support 3 types of Priority Queues control, realize simple QoS application, to prioritize mission-critical data such as voice or video packets
> MAC Address Filtering: MAC address learning control, filtering of fixed MAC address
> Broadcast storm control: broadcast storm configuration
> Backup: Support the backup and recovery of the configuration of the switch
> Firmware upgrade: Support firmware upgrade via TFTP
> Easy-to-use operation guide: offer simplified and simple description of function, operating guide, help user to fast plug and play

Web-managed 24 Port 10/100Mbps fast ethernet switch

The STES2024 is a 24-port 10/100Mbps Auto-Negotiation Web-Smart switch. STES2024 supports port mirroring and port bandwidth control. Administrator can monitors the real-time connectivity status of each port through the Web-based Interface. STES2024 supports Port VLAN of up to 24 groups and Port Trunking of up to 2 groups, QoS, Static MAC Address Table, port security, and broadcast storm control. STES2024 has easy-to-use management Interface, fits small and medium size enterprise, net cafe and smart residential area, etc.

STES2024

Features

> Fully Compliant with IEEE802.3, IEEE802.3u, IEEE802.3x, 24 10/100Mbps Auto-Negotiation RJ45 ports, Auto MDI/MDI-X
> Basic setting function of each port: 10/100Mbps Auto-Negotiation mode setting, Full/Half duplex mode setting,
> 802.3x back pressure flow control setting, port status indicating
> Port Mirroring: To monitor more than one port at the same time, supports port monitoring receiving, port monitoring sending and port monitoring of receiving and sending modes, supports monitoring across different VLANs

> Port Bandwidth Control: support 8 different levels of port bandwidth control
VLAN: supports port-based VLAN to divide different VLAN groups

> Port Trunking: Supports Port Trunking of 2 groups, 2/4 ports per group, support fault tolerant and hot backup of the cascade connection pipeline

> Priority setting: Support 3 types of Priority Queues control, realize simple QoS application, to prioritize mission-critical data such as voice or video packets

> MAC Address Filtering: MAC address learning control, filtering of fixed MAC address
> Broadcast storm control: broadcast storm configuration

> Backup: Support the backup and recovery of the configuration of the switch

Web-managed 8 Port 10/100Mbps fiber optic switch

S5008 is an 8-port web- configurable optical Ethernet switch specifically designed to deliver enterprise-class features, customized and priced for small and mid-sized organizations. It provides an affordable solution for direct connection of up to eight computers / Ethernet-based terminals of FTTx, optical LAN, Ethernet based DCS and security surveillant system, etc., where the environmental conditions exceed the reach of CAT5 copper cable.

S5008 combines the latest advancements in fiber optic and chip technologies with feature-rich network management controls to give the most advanced, yet affordable optical Ethernet solutions. The functions of the S5008 Ethernet switch permit all the connected computers / terminals to be able to communicate and share the resources with each other without the limitation of physical location. A user-friendly browser interface provides easy-to-use tools so thateven network novices can easily configure and administer the network, configure individual port speeds, VLANs, link aggregation, and traffic prioritization,keep an eye on network traffic and statistics, and troubleshoot the switch.

S5008

Features
> Eight 100Base-FX Half/Full duplex switch ports
> 2048 MAC address table (4-way hashing)
> Two queues for QOS (1:2 or 1:4 or 1:8 or 1:16)
Port-based, 802.1p and IP TOS priority
> Store & forward architecture and performs forwarding and filtering at non-blocking full wire speed
> An aging function and 802.3x flow control for full duplex and a backpressure function for half duplex
> Packet lengths up to 1522 bytes
> Congestion Flow Control (HOL)
> Port-based VLAN and adjustable VLAN to support up to 32 VLAN groups
> Broadcast storm filter

Layer 2 managed 16 Port 10/100Mbps fiber optic switch

S5016M is a 16-port high-performance managed Layer 2 optical Ethernet switch that provides an ideal solution for fiber-to-the-home (FTTH) and fiber-to-the-desk (FTTD), and for the applications where the environmental conditions exceed the reach of CAT5 copper cable. The S5016M offers sixteen 100Base-FX ports and with a 19-inch rack-mount width and a 1U height standard design. S5016M network management solution allows administrators to easily configure features, monitor performance, and troubleshoot the switches using a standard RS-232 port, Web browser and Simple Network Management Protocol (SNMP)-based network management platforms.

Features

S5016M

> Non-blocking store-and-forward shared-memory architecture with a 5.2Gbps switching capacity and an efficient self-learning and address recognition mechanism enables the forwarding rate to proceed at a full wire speed.
> 6K address table for auto-learned unicast or static unicast/ multicast addresses.
> 7 trunk groups of up to 4 member ports within 16 ports with flexible load distribution control and fail-over function.
> Static priority and 802.1p Class of Service with 2-level priority.
> 802.1d Multiple Spanning Trees.
> 802.1x port based network access control.
> 802.3x flow control for a full-duplex mode and collision-based backpressure for a half-duplex mode.
> Port-based VLAN and 802.1Q tag-based VLAN with 255 VLAN groups.
Head of Line (HOL) blocking prevention
> Static MAC addressing and filtering.
> Port mirroring.
> Source-port-based, destination-port-based, and source-destination-pair-based Sniffer functions.
> By-port Egress/Ingress bandwidth management control.
> IP Multicasting with IGMP snooping and an IP multicast table of 256 entries .
> Broadcast storm filtering.

Layer 2 managed 24 Port 10/100Mbps fiber optic switch

S5224M is a 24+2G high-performance managed Layer 2 optical fiber Ethernet switch that provides an ideal solution for fiber-to-the-home (FTTH) and fiber-to-the-desk (FTTD), and for the applications where the environmental conditions exceed the reach of CAT5 copper cable. The S5224M offers 24 100Base-FX ports or a mixture of twelve 100Base-FX ports and 2 10/100/1000Base-TX or optional SFP 1000Base-X ports for flexibility and fast connection speeds. The standard design with a 19-inch rack-mount width and a 1U height gives the highest port (SC connectors) density of optical Ethernet switches on the market. S5224M network management solution allows administrators to easily configure features, monitor performance, and troubleshoot the switches using a standard RS-232 port, Web browser and Simple Network Management Protocol (SNMP)-based network management platforms.

S5224M

Features
> Non-blocking store-and-forward shared-memory architecture with an 8.8Gbps switching capacity and an efficient self-learning and address recognition mechanism enables the forwarding rate to proceed at a full wire speed.
A mixture configuration of copper and fiber ports to meet the requirement of various applications, such as FTTx, optical LAN, Ethernet based DCS and security surveillant system, etc.
> 6K address table for auto-learned unicast or static unicast/ multicast addresses.
7 trunk groups of up to 4 member ports within 26 ports with flexible load distribution control and fail-over function.
> 802.1d Multiple Spanning Trees. > 802.1x port based network access control.
> 802.3x flow control for a full-duplex mode and collision-based backpressure for a half-duplex mode. > Port-based VLAN and 802.1Q tag-based VLAN with 255 VLAN groups. > Head of Line (HOL) blocking prevention > Static MAC addressing and filtering. > Port mirroring. > Source-port-based, destination-port-based, and source-destination-pair-based Sniffer functions. > By-port Egress/Ingress bandwidth management control. > IP Multicasting with IGMP snooping and an IP multicast table of 256 entries.> Broadcast storm filtering.

12 Port 10/100Base-FX + 12 Port 10/100Base-Tx + 2 Port 1000Base-Tx / SFP Layer 2 managed Fiber optical ethernet switch

S5224S is a 24+2G high-performance managed Layer 2 optical fiber Ethernet switch that provides an ideal solution for fiber-to-the-home (FTTH) and fiber to-the-desk (FTTD), and for the applications where the environmental conditions exceed the reach of CAT5 copper cable. The S5224S offers 12 Port 100Base-FX plus 12 port 10/100Base-Tx plus and 2 Port 1000Base-TX or optional SFP 1000Base-X ports for flexibility and fast connection speeds. The standard design with a 19-inch rack-mount width and a 1U height gives the highest port (SC connectors) density of optical Ethernet switches on the market. S5224S network management solution allows administrators to easily configure features, monitor performance, and troubleshoot the switches using a standard RS-232 port, Web browser and Simple Network Management Protocol (SNMP)-based network management platforms.

S5224S

Features

>Non-blocking store-and-forward shared-memory architecture with an 8.8Gbps switching capacity and an efficientself-learning and address recognition mechanism enables the forwarding rate to proceed at a full wire speed.
>A mixture configuration of copper and fiber ports to meet the requirement of various applications, such as FTTx, optical LAN, Ethernet based DCS and security surveillant system, etc..
>6K address table for auto-learned unicast or static unicast/multicast addresses. >7 trunk groups of up to 4 member ports within 26 ports with flexible load distribution control and fail-over function.
>Static priority and 802.1p Class of Service with 2-level priority.
>802.3x flow control for a full-duplex mode and collision-based backpressure for a half-duplex mode.
>Port-based VLAN and 802.1Q tag-based VLAN with 255 VLAN groups.
>Head of Line (HOL) blocking prevention
>By-port Egress/Ingress bandwidth management control.
>Broadcast storm filtering.

The Chima SON8110T/ SON8010U(ONU) /SON8011U(ONU) GEPON system is the latest smart GEPON Equipment, which is a telecom grade FTTH broadband access equipment mainly for telecom Operator and Large Group users with the characteristic of high integration, flexible application , high stableness, easy management, flexible extend and buildup the network, as well as providing QoS function.

ONU

SON8010U

Chima 's GEPON Equipment is with the latest standard of GEPON System based on IEEE802.3ah. The fiber link speed can reach up to 1.25Gb/s and each EPON OLT system can distribute into 32 remote ONUs to build up the fiber passive network by a max 32 way optical splitter with the advantage of big capacity of transmission, high security, flexibility of buildup network, economization the resource of fiber ,mainly applies for FTTH projects, which can access to IP telephone, Broadband data and IPTV.

Features:
Standard Protocol:
Fully complies with IEEE 802.3ah,IEEE 802.3,IEEE 802.3u,IEEE 802.3x, IEEE 802.3z,IEEE 802.1d,IEEE 802.1p,IEEE 802.1q,IEEE 802.1x, RFC1155, RFC1157, RFC1112, RFC1113 etc.

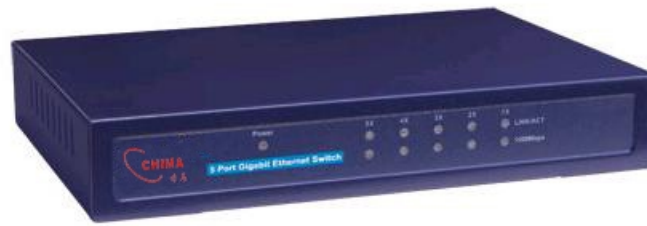Nota Switch Capacity: 16G
Bandwidth adjustment pace length:
1Kbps Support 4K VLAN base on 802.1q, also can support up to 8K MAC address

OLT

SNA8110T

STE-1005-G 5 port Gigabit ethernet switch

> Fully compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab
> Supports NWAY, Auto-Negotiation on each port senses the link speed of a network device
(10, 100, or 1000Mbps) and intelligently adjusts for compatibility and optimal performance, Plug &Play
> 5 10/100/1000 Mbps ports with Auto MDI/MDI-X
> Support IEE802.3x Flow Control for full-duplex mode, and back pressure flow control for half-duplex mode
> Backplane bandwidth up to 10Gbps, support Non-blocking Wire-Speed throughput
> Store and forward architecture, MAC Address auto-learning, 8K Address Table > Mini Desktop Steel Case

STE-1008-G 8 port Gigabit ethernet switch

> Fully compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab
> Supports NWAY, Auto-Negotiation on each port senses the link speed of a network device (10, 100, or 1000Mbps) and intelligently adjusts for compatibility and optimal performance, Plug &Play
> 8 10/100/1000 Mbps ports with Auto MDI/MDI-X
> Support IEE802.3x Flow Control for full-duplex mode, and back pressure flow control for half-duplex mode
> Backplane bandwidth up to 10Gbps, support Non-blocking Wire-Speed throughput
> Store and forward architecture, MAC Address auto-learning, 8K Address Table > Mini Desktop Steel Case

STE-1016-G 16 port Gigabit ethernet switch

> Fully compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab
> Supports NWAY, Auto-Negotiation on each port senses the link speed of a network device (10, 100, or 1000Mbps) and intelligently adjusts for compatibility and optimal performance, Plug &Play
> 16 10/100/1000 Mbps ports with Auto MDI/MDI-X
> Support IEE802.3x Flow Control for full-duplex mode, and back pressure flow control for half-duplex mode
> Backplane bandwidth up to 32 Gbps, support Non-blocking
Full Wire-Speed throughput
> Store and forward architecture, MAC Address auto-learning,
8K Address Table
> Standard 19-inch rack-mountable Steel Case

STE-1024-G 24 port Gigabit ethernet switch

> Fully compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab
> Supports NWAY, Auto-Negotiation on each port senses the link speed of a network device (10, 100, or 1000Mbps) and intelligently adjusts for compatibility and optimal performance, Plug &Play
> 24 10/100/1000 Mbps ports with Auto MDI/MDI-X
> Support IEE802.3x Flow Control for full-duplex mode, and back pressure flow control for half-duplex mode
> Backplane bandwidth up to 32 Gbps, support Non-blocking
Full Wire-Speed throughput
> Store and forward architecture, MAC Address auto-learning,
8K Address Table
> Standard 19-inch rack-mountable Steel Case

16 port Websmart Gigabit ethernet switch

The STE-2216-GW provides 16 10/100/1000Base-T ports, along with 2 shareware SFP ports, which it supports the auto shift between the Gigabit copper ports and SFP fiber module. The user can extend the network from 100m to 80km flexible. The STE-2216-GW Support Web-based management, provide Port Mirroring, port bandwidth distribution control, Port /Tag Based Vlan, Trunk and static MAC address, QOS, Port safty, port flow stat, etc. The STE-2216-GW also support English Websmart management panel, its function is powerful and it is very easy to use, it is a best option for the network of a working teem and the living district network scheme.

STE-2216-GW

Features
>Fully compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z
>16 10/100/ 1000M RJ45 Ports with NWAY and Auto MDI/MDI-X
>2 shared Gigabit SFP slots, Auto-Negotiation between cooper ports and optical slots. >Support IEE802.3x Flow Control for full-duplex mode, and back pressure flow control for half-duplex mode >Backplane bandwidth up to 48 Gbps, support Non-blocking Full Wire-Speed throughput >Store and forward architecture, 8K MAC Address Table >Support Port-based VLAN of up to 16 groups, IEE802.1q, Tag-based VLAN, VLAN ID from 1-4094 >Support Port Trunking of up to 4 groups, each group includes up to 4 ports
> Static MAC Address Table management supported >Port bandwidth control, 64kbps >QoS, 4 Priority Queues >Port Security Control, support Port MAC address aging, learning, 128 MAC Addresses bingding per port >Broadcast strom Intelligent Control, broadcast type control, broadcast setting supported >Port Mirroring > Support IP address setting of Fixed IP or DHCP client automatic distributing >Web-Managed, Multi-Language Supported >Support Firmware upgrade based on HTTP > Cable diagnose >Support Flow Static, dynamic display packet storing , filtering and transferring of port and switch >Internal power supply, Standard 19-inch rack-mountable Steel Case, I U height

24 port Websmart Gigabit ethernet switch

The STE-2224-GW provides 24 10/100/1000Base-T ports, along with 2 shareware SFP ports, which it supports the auto shift between the Gigabit copper ports and SFP fiber module. The user can extend the network from 100m to 80km flexible. The STE-2224-GW Support Web-based management, provide Port Mirroring, port bandwidth distribution control, Port /Tag Based Vlan, Trunk and static MAC address, QOS, Port safty, port flow stat, etc. The STE-2224-GW also support English Websmart management panel, its function is powerful and it is very easy to use, it is a best option for the network of a working teem and the living district network scheme.

STE-2224-GW

Features
>Fully compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z
>24 10/100/ 1000M RJ45 Ports with NWAY and Auto MDI/MDI-X
>2 shared Gigabit SFP slots, Auto-Negotiation between cooper ports and optical slots. >Support IEE802.3x Flow Control for full-duplex mode, and back pressure flow control for half-duplex mode >Backplane bandwidth up to 48 Gbps, support Non-blocking Full Wire-Speed throughput >Store and forward architecture, 8K MAC Address Table >Support Port-based VLAN of up to 16 groups, IEE802.1q, Tag-based VLAN, VLAN ID from 1-4094
>Support Port Trunking of up to 4 groups, each group includes up to 4 ports
> Static MAC Address Table management supported > Port bandwidth control, 64kbps >QoS, 4 Priority Queues >Port Security Control, support Port MAC address aging, learning, 128 MAC Addresses bingding per port >Broadcast strom Intelligent Control, broadcast type control, broadcast setting supported >Port Mirroring > Support IP address setting of Fixed IP or DHCP client automatic distributing >Web-Managed, Multi-Language Supported >Support Firmware upgrade based on HTTP > Cable diagnose
>Support Flow Static, dynamic display packet storing , filtering and transferring of port and switch >Internal power supply, Standard 19-inch rack-mountable Steel Case, I U height

26 port Websmart Gigabit ethernet switch

The STE-2226-GW provides 24 10/100Base-T ports, along with 2 10/100/ 1000Base-T ports and 2 shareware SFP ports, which it supports the auto shift between the Gigabit copper ports and SFP fiber module. The user can extend the network from 100m to 80km flexible.

The STE-2226-GW Support Web-based management, provide Port Mirroring, port bandwidth distribution control, Port Base/Tag Vlan, Trunk and static MAC address, QOS, Port safty, port flow stat, etc. The STE-2226-GW also support English Websmart management panel, its function is powerful and it is very easy to use, it is a best option for the network of a working teem and the living district network scheme.

STE-2226-GW

Features
>Fully compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z
>24 10/100M RJ45 Ports plus 2 10/100/1000M RJ45 Ports plus 2 shared Gigabit SFP expansion slots, >Auto MDI/MDI-X, NWAY on all RJ45 ports, Auto-Negotiation between Gigabit cooper ports and Gigabit optical slots
>Support IEE802.3x Flow Control for full-duplex mode, and back pressure flow control for half-duplex mode >Backplane bandwidth up to 8.8Gbps, supportNon-blocking Full Wire-Speed throughput >Store and forward architecture, 8K MAC Address Table >Support Port-based VLAN of up to 26 groups, IEEE802.1q, Tag-based VLAN, VLAN ID from 1-4096 >Support Port Trunking of up to 3 groups, each group including 2/4 ports >Static MAC Address Table, up to 24 groups >Port bandwidth control, 64kbps >QoS, 8 Priority Queues >Port Security Control, support Port MAC address aging, learning, binding, 24 MAC Address binding per >Broadcast Strom Intelligent Control, broadcast type control, broadcast setting supported >Port Mirroring >Support IP address setting of Fixed IP or DHCP client automatic distributing >Web-Managed, Multi-Language Supported >Support Firmware upgrade > Cable diagnose >Support Flow Static, dynamic display packet storing, filtering and transferring of port and switch >Internal power supply, Standard 19-inch rack-mountable Steel Case, I U height
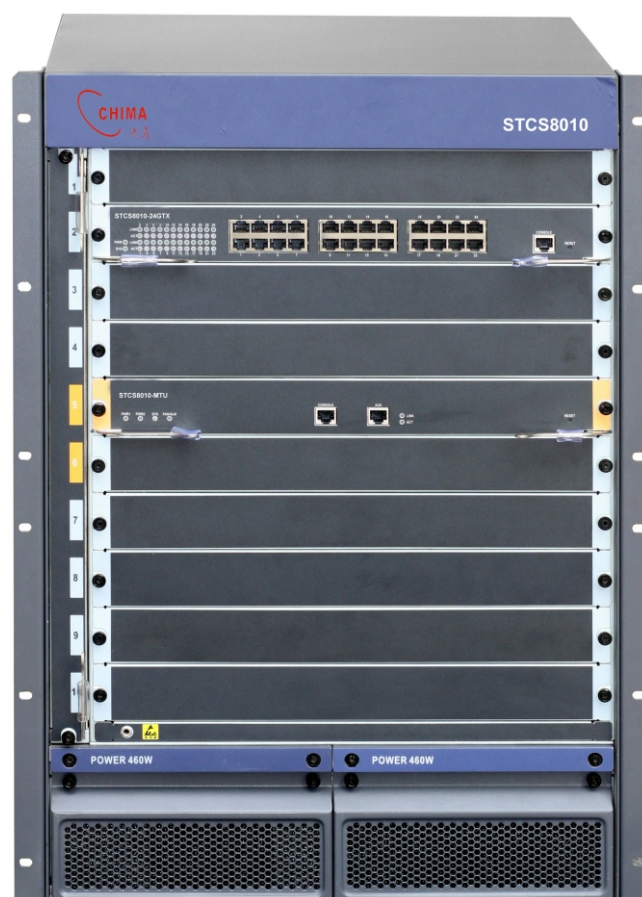
STCS8010 10Gigabit core routing switch

The STCS8010 10G multi-service core routing switch is a new-generation high performance switch. It is extensively applied as the core layer of E-governmentnetworks, Campus networks, Education networks and Enterprise networks andcore layer or aggregation layer of Carrier's IP MANs. Based on 10G platform.it supports new generation high-speed 10Gbps interface card that provides interconnection between MANs, Campus networks and Data centers to construct end-to-end Ethernet, featuring low cost, high performance and reliability to support abundant services. Furthermore, it provides L2 and L3 wire-speedpacket forwarding and distributed MPLS wire-speed forwarding by its high performance, high density and high reliability chassis architecture design. It also provides rich service functions, such as powerful QoS guarantee, complete security management and high reliability. All of these prove that

- Government 10G Network

- Campus 10G Network

- High School 10G Network

- Enterprise 10G Network

STCS8010 is designed to fully satisfy the requirements of end-users for its high capability, high reliability and multiple services. STCS8010 switch support the functions of strategy routing, IPV6, MPLS, load balancing and so on by extending the high performance multi-service card, so satisfying the different application requirements in various complicated and flexible environments.

STCS6006 10Gigabit core routing switch

The STCS6006 10G multi-service core routing switch is a new-generation high performance switch. It is extensively applied as the core layer of E-governmentnetworks, Campus networks, Education networks and Enterprise networks andcore layer or aggregation layer of Carrier's IP MANs. Based on 10G platform.it supports new generation high-speed 10Gbps interface card that provides interconnection between MANs, Campus networks and Data centers to construct end-to-end Ethernet, featuring low cost, high performance and reliability to support abundant services. Furthermore, it provides L2 and L3 wire-speedpacket forwarding and distributed MPLS wire-speed forwarding by its high performance, high density and high reliability chassis architecture design. It also provides rich service functions, such as powerful QoS guarantee, complete security management and high reliability. All of these prove that

- **Government 10G Network**

- **Campus 10G Network**

- **High School 10G Network**

- **Enterprise 10G Network**

STCS6006 is designed to fully satisfy the requirements of end-users for its high capability, high reliability and multiple services. STCS6006 switch support the functions of strategy routing, IPV6, MPLS, load balancing and so on by extending the high performance multi-service card, so satisfying the different application requirements in various complicated and flexible environments.

Advanced Security

As nowadays network facing all kinds of security threats, secret leakage and attacks, SPEED STCS5024 series security intelligent multi-layer switch is equipped with advanced security features to guarantee the safe operation of the network. Supports comprehensive ACL access control policies, including: user MAC address based ACL, IP protocol (TCP/UDP) based ACL, TCP port number based ACL, UDP port number based and time based ACL;

Can identify legal service terminals with bounded VLAN-IP-MAC; supports user access control protocol 802.1x, provides more efficient user port control than the traditional method; The port MAC address limitation function can control the host number accessing the specified port;

Supports PVLAN, offers strict port segregation within 802.1Q VLAN, ensures high security while ensuring service operation; Patented CPU protection technique checks and filters the data sent to the CPU to avoid malicious attack; Several authentications for protocols such as RIP, OSPF, etc. (plain text authentication, MD5 authentication) to ensure the controllability of the route and network topology, offering higher security;

layer 3 managed 24 port Gigabit copper + 4 Sfp Gigabit fiber switch

STCS5024TF

Flexible QoS

SPEED STCS5024 series security intelligent multi-layer switch supports intelligent QoS to meet the high service quality demand of voice, video and other real-time multimedia services by following technologies:

• Priority based on IEEE802.1P tagged information and quintuple flow classification service; • Supports flow-based multilayer CoS and ToS to satisfy the demand of real-time multimedia service such as video conference; • Self-defined multilayer flow classification rules, with 1024 flow rules supported in one device; • 8 priority queues supported per port, with congestion prevention and flow-shaping;

Comprehensive routing protocol support

• SPEED STCS5024 series security intelligent multi-layer switch supports a rich set of routing technology which covers almost all current routing technologies. • Supports unicast routing protocols: RIP V1, RIP V2, OSPF, BGP, static routing; • Supports multicast routing protocols: IGMP, PIM-SM; • Supports redundancy backup protocol: VRRP. Convenient Maintenance and Control Supports NM methods such as SNMP, CLI, RMON, TELNET, WEB; Supports BOOTP, TFTP and FTP for fast software Upgrading.

Advanced Security

As nowadays network facing all kinds of security threats, secret leakage and attacks, SPEED STCS5024 series security intelligent multi-layer switch is equipped with advanced security features to guarantee the safe operation of the network. Supports comprehensive ACL access control policies, including: user MAC address based ACL, IP protocol (TCP/UDP) based ACL, TCP port number based ACL, UDP port number based and time based ACL;

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Supports PVLAN, offers strict port segregation within 802.1Q VLAN, ensures high security while ensuring service operation; Patented CPU protection technique checks and filters the data sent to the CPU to avoid malicious attack; Several authentications for protocols such as RIP, OSPF, etc. (plain text authentication, MD5 authentication) to ensure the controllability of the route and network topology, offering higher security;

layer 3 managed 24 port Gigabit SFP slots + 4 port 10/100/1000Base-Tx Combo Gigabit fiber switch

STCS5024ST

Flexible QoS

SPEED STCS5024 series security intelligent multi-layer switch supports intelligent QoS to meet the high service quality demand of voice, video and other real-time multimedia services by following technologies:

• Priority based on IEEE802.1P tagged information and quintuple flow classification service; • Supports flow-based multilayer CoS and ToS to satisfy the demand of real-time multimedia service such as video conference; • Self-defined multilayer flow classification rules, with 1024 flow rules supported in one device; • 8 priority queues supported per port, with congestion prevention and flow-shaping;

Comprehensive routing protocol support

• SPEED STCS5024 series security intelligent multi-layer switch supports a rich set of routing technology which covers almost all current routing technologies. • Supports unicast routing protocols: RIP V1, RIP V2, OSPF, BGP, static routing; • Supports multicast routing protocols: IGMP, PIM-SM; • Supports redundancy backup protocol: VRRP. Convenient Maintenance and Control Supports NM methods such as SNMP, CLI, RMON, TELNET, WEB; Supports BOOTP, TFTP and FTP for fast software Upgrading.

Advanced Security

Supports comprehensive ACL access control policies, including: user MAC address based ACL, IP protocol (TCP/UDP) based ACL, TCP port number based ACL, UDP port number based and time based ACL/Can identify legal service terminals withbounded VLAN-IP-MAC/ supports user access control protocol 802.1x, provides more efficient user port control than the traditional method; The port MAC address limitation function can control the host number accessing the specified port; Supports PVLAN, offers strict port segregation within 802.1Q VLAN, ensures high security while ensuring service operation; Patented CPU protection technique checks and filters the data sent to the CPU to avoid malicious attack; Several authentications for protocols such as RIP, OSPF, etc. (plain textauthentication, MD5 authentication) to ensure the controllability of the route and network topology, offering higher security;

layer 3 managed 12 port 1000M SFP Gigabit fiber switch

STCS4012S

Flexible QoS

SPEED S4012 series security intelligent multi-layer switch supports intelligent QoS to meet the high service quality demand of voice, video and other real-time multimedia services by following technologies: /Priority based on IEEE802.1P tagged information and quintuple flow classification service/ Supports flow-based multilayer CoS and ToS to satisfy the demand of real-time multimedia service such as video conference/Self-defined multilayer flow classification rules, with 1024 flow rules supported in one device/8 priority queues supported per port, with congestion prevention and flow-shaping;

Comprehensive routing protocol support

/SPEED S4012 series security intelligent multi-layer switch supports a rich set of routing technology which covers almost all current routing technologies. /Supports unicast routing protocols: RIP V1, RIP V2, OSPF, BGP, static routing; /Supports multicast routing protocols: IGMP, PIM-SM/Supports redundancy backup protocol: VRRP.

Convenient Maintenance and Control

Supports NM methods such as SNMP, CLI, RMON, TELNET, WEB; Supports BOOTP,TFTP and FTP for fast software upgrading.

Advanced Security

Supports comprehensive ACL access control policies, including: user MAC address based ACL, IP protocol (TCP/UDP) based ACL, TCP port number based ACL, UDP port number based and time based ACL/Can identify legal service terminals withbounded VLAN-IP-MAC/ supports user access control protocol 802.1x, provides more efficient user port control than the traditional method; The port MAC address limitation function can control the host number accessing the specified port; Supports PVLAN, offers strict port segregation within 802.1Q VLAN, ensures high security while ensuring service operation; Patented CPU protection technique checks and filters the data sent to the CPU to avoid malicious attack; Several authentications for protocols such as RIP, OSPF, etc. (plain textauthentication, MD5 authentication) to ensure the controllability of the route and network topology, offering higher security;

layer 3 managed 8 port 1000M SFP + 4 port 1000Base-T Gigabit fiber switch

STCS4012ST

Flexible QoS

SPEED S4012 series security intelligent multi-layer switch supports intelligent QoS to meet the high service quality demand of voice, video and other real-time multimedia services by following technologies: /Priority based on IEEE802.1P t agged information and quintuple flow classification service/ Supports flow-based multilayer CoS and ToS to satisfy the demand of real-time multimedia service such as video conference/Self-defined multilayer flow classification rules, with 1024 flow rules supported in one device/8 priority queues supported per port, with congestion prevention and flow-shaping;

Comprehensive routing protocol support

/SPEED S4012 series security intelligent multi-layer switch supports a rich set of routing technology which covers almost all current routing technologies. /Supports unicast routing protocols: RIP V1, RIP V2, OSPF, BGP, static routing; /Supports multicast routing protocols: IGMP, PIM-SM/Supports redundancy backup protocol: VRRP.

Convenient Maintenance and Control

Supports NM methods such as SNMP, CLI, RMON, TELNET, WEB; Supports BOOTP, TFTP and FTP for fast software upgrading.

Advanced Security

Supports comprehensive ACL access control policies, including: user MAC address based ACL, IP protocol (TCP/UDP) based ACL, TCP port number based ACL, UDP port number based and time based ACL/Can identify legal service terminals withbounded VLAN-IP-MAC/ supports user access control protocol 802.1x, provides more efficient user port control than the traditional method; The port MAC address limitation function can control the host number accessing the specified port; Supports PVLAN, offers strict port segregation within 802.1Q VLAN, ensures high security while ensuring service operation; Patented CPU protection technique checks and filters the data sent to the CPU to avoid malicious attack; Several authentications for protocols such as RIP, OSPF, etc. (plain textauthentication, MD5 authentication) to ensure the controllability of the route and network topology, offering higher security;

layer 3 managed 12 port 1000Base-Tx + 4 port 1000MSFP Combo Gigabit fiber switch

STCS4012TF

Flexible QoS

SPEED S4012 series security intelligent multi-layer switch supports intelligent QoS to meet the high service quality demand of voice, video and other real-time multimedia services by following technologies: /Priority based on IEEE802.1P tagged information and quintuple flow classification service/ Supports flow-based multilayer CoS and ToS to satisfy the demand of real-time multimedia service such as video conference/Self-defined multilayer flow classification rules, with 1024 flow rules supported in one device/8 priority queues supported per port, with congestion prevention and flow-shaping;

Comprehensive routing protocol support

/SPEED S4012 series security intelligent multi-layer switch supports a rich set of routing technology which covers almost all current routing technologies. /Supports unicast routing protocols: RIP V1, RIP V2, OSPF, BGP, static routing; /Supports multicast routing protocols: IGMP, PIM-SM/Supports redundancy backup protocol: VRRP.

Convenient Maintenance and Control

Supports NM methods such as SNMP, CLI, RMON, TELNET, WEB; Supports BOOTP, TFTP and FTP for fast software upgrading.

SPEED STCS3526 Series are secure and intelligent Layer 3 switches featuring wire-speed switching. SPEED STCS3526 series switches are box-type layer 2/3 wire speed enterprise central routing switch with 10/100M aggregation in service provider data centers, server farms, wiring closets and metropolitan area networks. It provides 24 auto-sensing 10/100 Ethernet ports and two Gigabit expansion slots for both fiber and copper cabling.
The hardware is designed to support intelligent Layer 2/3/4 flow classification. Features such as access control list (ACL) filtering and QoS classification bring intelligence and security to the edge of the networks and enable applications such as real-time streaming multimedia. SPEED STCS3526 Series supports a wide range of Layer 2/3/4 protocols including RIPv1/v2, OSPFv2 and PIM-SM, VRRP.

layer 3 managed 24 port 10/100Base-Tx + 2 optional Gigabit expansion ethernet switch

STCS3526A

Features
Full Wire-Speed Layer 2/3 Switching /All ports support wire speed forwarding /15.2 Gbps switching capacity/6.6 Mpps Layer 2/3 wire-speed forwarding.
Flexible QoS
Support for flexible queue scheduling algorithms, i.e. Strict Priority (SP), Weighted Round Robin (WRR), and SP+WRR; 8 priority queues/Support for intelligent Layer 2-7 flow classification/Support for IEEE 802.1p 、TOS、 and DiffServ Code Point.
Comprehensive Security Policies
Compliance with IEEE 802.1x and Web portal, SPEED S3526 series can identify users who attempt to access the network. They can also prevent unauthorized access to the network by binding any combination of MAC, IP, VLAN and PORT. Intelligent anti-virus policies and optimizing routing policy can guard the network to against the attack by Code Red and Worm Blaster, thus guarantee the equipment security.
Diversified management modes
SPEED series support Simple Network Management Protocol (SNMP), the general network management platform such as Open View. They support Command Line Interface (CLI), Web network management, and TELNET, so that equipment management becomes more convenient.

SPEED STCS3526 Series are secure and intelligent Layer 3 switches featuring wire-speed switching. SPEED STCS3526 series switches are box-type layer 2/3 wire speed enterprise central routing switch with 10/100M aggregation in service provider data centers, server farms, wiring closets and metropolitan area networks. It provides 24 auto-sensing 10/100 Ethernet ports and two Gigabit expansion slots for both fiber and copper cabling.
The hardware is designed to support intelligent Layer 2/3/4 flow classification. Features such as access control list (ACL) filtering and QoS classification bring intelligence and security to the edge of the networks and enable applications such as real-time streaming multimedia. SPEED STCS3526 Series supports a wide range of Layer 2/3/4 protocols including RIPv1/v2, OSPFv2 and PIM-SM, VRRP.

layer 3 managed 24 port fiber/copper optional + 2 optional Gigabit expansion ethernet switch

STCS3526F

Features
 Full Wire-Speed Layer 2/3 Switching /All ports support wire speed forwarding /15.2 Gbps switching capacity/6.6 Mpps Layer 2/3 wire-speed forwarding.
Flexible QoS
Support for flexible queue scheduling algorithms, i.e. Strict Priority (SP), Weighted Round Robin (WRR), and SP+WRR; 8 priority queues/Support for intelligent Layer 2-7 flow classification/Support for IEEE 802.1p 、TOS、and DiffServ Code Point.
Comprehensive Security Policies
Compliance with IEEE 802.1x and Web portal, SPEED S3526 series can identify users who attempt to access the network. They can also prevent unauthorized access to the network by binding any combination of MAC, IP, VLAN and PORT. Intelligent anti-virus policies and optimizing routing policy can guard the network to against the attack by Code Red and Worm Blaster, thus guarantee the equipment security.
Diversified management modes
SPEED series support Simple Network Management Protocol (SNMP), the general network management platform such as Open View. They support Command Line Interface (CLI), Web network management, and TELNET, so that equipment management becomes more convenient.

The SPEED STCS3800 Series Intelligent Ethernet Switches is a line of enterprise-class multiplayer switches. SPEED STCS3800 offers 8 Gigabit Interface Converter (GBIC) ports. Deployed at the aggregation layer, the series delivers secure converged services for mid-sized enterprise and campus networks.

Supporting intelligent Layer 2-7 flow classification, the SPEED STCS3800 Series offers superior multiplayer QoS features that prevent congestion and help ensure that network traffic is properly classified and prioritized. Fully integrated into the SPEED family of switches, the SPEED STCS3800 Series offers the perfect balance of features, performance and cost.

Features

High Switching Capacity and Wire-Speed Layer 2-4 Switching
1. 16 Gbps switching capacity;
2. 11.9Mpps forwarding;
3. Hardware-based Layer 2-7 switching.

Intelligent QoS
1. 32M shared packet buffer and advanced HOL blocking prevention mechanism;
2. Multilayer flow classification policies definable by users;
3. Independent packet filters at each port for intelligent differentiation of application flows;
4. Support for IEEE 802.1p and DiffServ Code Point.

Comprehensive Security solutions
1. Compliance with IEEE 802.1x;
2. Support for a wide range of ACL filtering policies.

layer 3 managed 8 port GBIC ethernet Gigabit fiber switch

STCS3526F

Description:

STE-8400M Media Converter is 10/100/1000Mbps fast Ethernet converter. The converter mediates between a 10/100/1000Base-Tx segment and a 1000Base-FX segment. It is primarily designed for large, higher speed/bandwidth demanding workgroups that require expansion of the Ethernet network. It can extend the conventional 10M Ethernet or 100/1000M Fast Ethernet to 20Km-120Km via the fast Ethernet Fiber-optical Line. It is high-performance, cost effective and flexible solutions for a wide range of applications in the field of LAN campus network.

10/100/1000mbps ethernet fiber media converter Single fiber, Birectional

STE-8400M

Features

>>> Provide one fiber connector and one UTP connector
>>> Fully Complies with IEEE802.3 10Base-T,IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-TX , IEEE802.3z 1000Base-FX standard
>>> Auto-detection of half/full duplex transfer mode for Tx port
>>> Auto-negotiation of 10/100/1000Mbpa rate and Auto-MDI/MDIX for Tx port
>>> Provide switch configuration of half/full duplex transfer mode for Fx port
>>> Extend fiber distance up to 2km for multi-mode fiber and 20-120km for single-mode fiber
>>> Indication light: RX,TX,FX, 1000,POW, 10/100
>>> Easy-to-view LED indicators provides status to easily monitor network activity
>>> Internal power supply

Description:

STE-8400M Media Converter is 10/100/1000Mbps fast Ethernet converter. The converter mediates between a 10/100/1000Base-Tx segment and a 1000Base-FX segment. It is primarily designed for large, higher speed/bandwidth demanding workgroups that require expansion of the Ethernet network. It can extend the conventional 10M Ethernet or 100/1000M Fast Ethernet to 20Km-120Km via the fast Ethernet Fiber-optical Line. It is high-performance, cost effective and flexible solutions for a wide range of applications in the field of LAN campus network.

10/100/1000mbps ethernet fiber media converter
Dual fiber, single or multimode

STE-8401M

Features

>>> Provide one fiber connector and one UTP connector
>>> Fully Complies with IEEE802.3 10Base-T,IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-TX , IEEE802.3z 1000Base-FX standard
>>> Auto-detection of half/full duplex transfer mode for Tx port
>>> Auto-negotiation of 10/100/1000Mbpa rate and Auto-MDI/MDIX for Tx port
>>> Provide switch configuration of half/full duplex transfer mode for Fx port
>>> Extend fiber distance up to 2km for multi-mode fiber and 20-120km for single-mode fiber
>>> Indication light: RX,TX,FX, 1000,POW,10/100
>>> Easy-to-view LED indicators provides status to easily monitor network activity
>>> Internal power supply

STE-FMC is a freestanding 10/100mbps Media Converter that comes in two models, the one is for single fiber, bidirectional, and the other is for dual fiber, single mode. It supports up to 20km, 40km, 80km, 120km, etc.

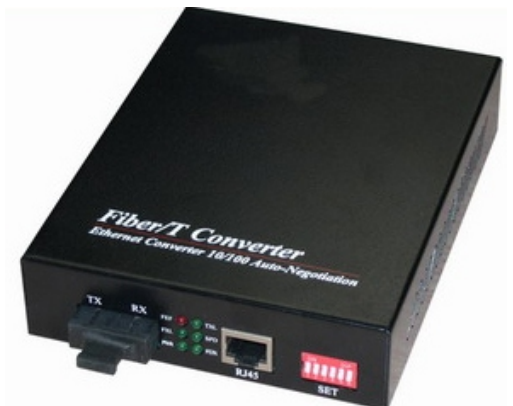## 10/100mbps standalone ethernet fiber media converter

STE-FMC

STE-SFMC is single fiber 10/100mbps Media Converter that supports up to 20km, 40km, 80km, etc. The STE-SFMC adopts WDM, enables the transmission and receive with only one fiber model. Makes the lowest fiber cost . It is the best choice for long distance transmission.

10/100mbps standalone ethernet fiber media converter

STE-SFMC

Features

10/100 Base-Tx to 100 Base-Fx Media Converter
It translates transmission signals from a twisted-pair 10 Base-T or 100Base-TX cable to 100 Base-FX fiber optic cable.
Its extends transmission distance beyond the 100m limitation of copper wire up to 100km by single mode fiber optic module.
Complies with IEEE802.3 10Base-T,IEEE802.3U
operation style: full and half duplex auto-negotiation
optical fiber interface : Multi-mode (wavelength 850nm,1300nm) Single mode (wavelength 1310nm,1550mm)
Twiste- pair interface: NODE and HUbor SWITCH (5utp)
Distance:Multi-mode:2Km 5Km
Single mode:25Km 60Km 80Km 120Km

STE-MSMC is a multi mode to single mode/ single mode to multi mode 10/100mbps Media Converter that comes in two models, the one is for single fiber, bidirectional, and the other is for dual fiber, single mode. It supports up to 20km, 40km, 80km, etc.

10/100mbps multimode to singlemode standalone ethernet fiber media converter

STE-MSMC

Features:
Complies with IEEE 802.3z standard
Supports: Multi-mode SC Connector Single Mode SC Connector Fiber 1300nm
Extend fiber distance up to 40km per segment(max. possible distance of 80km with converter situated in middle of two segments)
Compatible with other Multi-mode to Single Mode devices

10/100mbps rack converter card

STE-MCM

STE-MCM is the inserting cards of the rack mount media converters, one rack mount can insert up to 16 cards, the cards can support single fiber, doubel fiber, single mode, dual mode, etc.

Features:
Complies with IEEE802.3 10Base-T,IEEE802.3U
operation style: full and half duplex auto-negotiation
optical fiber interface :
Multi-mode (wavelength 850nm,1300nm)
Single mode (wavelength 1310nm,1550mm)
Twiste- pair interface: NODE and HUbor SWITCH (5utp)
Distance:Multi-mode:2Km 5Km
Single mode:25Km 60Km 80Km 120Km

Description:

SFM-51X Manageable Rack mount Media Converter is a 2U rack mount media converter combine with a Network Management Unit (MCU). The whole rack contains 15 pieces of media converter module and 1 piece of network managed module. Each module can be used separately, and different kind of converter module can be inserted into one rack. The rack mount media converter adopts communication isolation technology to separate the system power from the converter module totally. Guaranteed the dependability of the whole system It can extend the conventional 10M Ethernet or 100M Fast Ethernet to 20Km-120Km via the quick Ethernet Fiber-optical Line. The collective dual power supplies can ensure the uninterrupted operation of the system.

Managed 16 ports 2.5U TX to FX Rack Mount Media Converter

STE-51X

Features:

It supports local console and Web Management

Every media converter module Provide one fiber connector and one UTP connector

Fully Complies with IEEE802.3 10Base-T,IEEE802.3u 100Base-TX/FX standard

Auto-detection of half/full duplex transfer mode for Tx port

Extend fiber distance up to 2km for multi-mode fiber and 20-120km for single-mode fiber

Support Local management and Remote management

Support bandwidth options control:2.5M/5.0M、5.0M/50M、7.5M/75M、10M/100M.

Auto-negotiation of 10/100Mbpa rate and Auto-MDI/MDIX for Tx port

Provide configuration of half/full duplex transfer mode for Fx port and Tx port

Provide Flow Control and Link Fault Pass Through configuration

Easy-to-view LED indicators provides status to easily monitor Local and Remote network activity

AC100V-AC240V and DC-48V is optional

UnManaged 16 ports 2.5U TX to FX Rack Mount Media Converter

STE-51P

Description:

STE-51P provides 16 Fast Ethernet media converter in a 2.5U Chassis configuration. It features hot swappable 10/100BASE-TX-to-FX Line Card and redundant Power Supply.It extends network data transmission distances beyond the 100 meters limitation distances of copper wire up to 100 kilometers by using Single Mode fiber optic module. The SFM-9XX-P offer 10/100Base-TX auto negotiation function for more flexible installation requirement.

Features

Support upto 16 (10/100 Base-Tx to 100 Base-Fx) Slots

Its extends transmission distance beyond the 100m limitation of copper wire up to 100km by single mode fiber optic module.

It is typically used to connect fast ethernet devices, such as 10/100 Base-Tx Hubs or Switches at a long Distance upto 100km).

Auto Negotiate 10/100M, Auto Half/Full Duplex data mode.

Supports IEEE 802.3 10 Base-T, 802.3U, 100Base-TX, 100Base-FX protocols

Auto Negotiate 10/100M,

Auto Half/Full Duplex data mode.

RJ45 connector for either Straight or Cross CAT UTP Cable

Fiber Interface supporting Multimode or Single Mode Fiber Optic.

1.High performance bridge for 10Base-T Ethernet extension 2.Fully compatible with IEEE 802.3 and Ethernet Standards 3.E1 channel: Full and Fabrication optional, 75/120ohm optional 4.Ethernet Port:: 10Mbps, Full/Half Duplex Mode compatible 5.10Base-T LAN Interface on RJ-45 connector and MDI/MDI-X optional 6.Allow transmitting and receiving VLAN data packet 7.15000 frames per second filtering and forwarding rate 8.1000 MAC address LAN table, and automatic LAN table learning and aging. 9.Standalone and 12 slots chassis optional 10. Chassis support E1/10Base-T Converter and E1/V.35 Converter 11. Power of Chassis: 2 Slots for slide in power supplier module, AC or DC power supplier module, Redundant Power supported 12. AC220V±20％ or DC-48V power input

E1 to 10Base-T Protocol Converter

STE-E1PC

LAN port

1. Standard: Conforms to IEEE802.3 / 10Base-T Ethernet
2. Data rate: 10Mbps(20Mbps/10Base-T in Full duplex topology)
3. Compatible on Full/Half duplex topology 4. Connectors: RJ-45 Connector
5. Transfer distance: <150m

E1 port

1. Standard: ITU G.703, G.704, 2. Jitter Performance: According to ITU G.823
3. Bit rate: N×64Kbps, N=1~31 (Fractional Mode) or 2.048Mbps(Full Mode)
4. Line Code: HDB3 5. Line Impedance: 75/120ohms optional
6. Pulse Amplitude: Nominal 2.37V±10％

4 E1 to 10Base-T Protocol Converter

STE-4E1PC

E1 interface：

1.Compatible with ITU-T G.703 / 2.Interface rate: 2048 Kbit/s±50ppm
3.HDB3 code /4.Jitter performance:ITU-T G.823 /5.Impedance:75Ω
(Imbalance) /6.Physical Interface:BNC coaxial plug

Ethernet Interface：

Comply with IEEE802.3/10Base-T standard /.10Base-T(UTP) Full duplex
Filter and transmit rate up to 15,000 pps /Frame buffer:256 frames
Throughput delay:1 frame /Physical interface:RJ-45
Power supply and environment: Local power supply: 220V AC or -48V .
DC or +24V DC /Power consume:< 5W /Humidity:5%-95%(no condense)
.Temperature:-5℃- +45℃

CHIMA
赤马

E1 to V.35 Protocol Converter

STE-E1PC

Description：

1. Support V.35 synchronous data rate:2048Kbps,non-frame mode NX64Kbps（n=1……31），frame mode
2. Support cascade connection, can transmit several V.35 data through 1 E1 via equipment cascade connection
3. User can assign n continuous time-slot as transmission channel arbitrarily, simple and convenient

system configuration ,alarm designation and comprehensive maintain funtion
4. AC/DC alternative

E1 interface：

nominal rate: 2.048Mbps HDB3 code

Circuit impedance:75Ω(imbalance)

Frame choice:non-frame mode,frame mode,CRC4 multiple frame

Receive level:0~43dB

Transmit clock mode: internal clock mode ,loop back clock mode,external clock mode Overvoltage and overcurrent protection:internal overvoltage protection and PTC overcurrent protection

V.35 interface :

Data rate: non-frame mode :2048Kbps

frame mode:NX64Kbps, N=1…31

Clock mode: DCE mode and DTE mode

Connector: M34 aperture seat

Handshake control signal:CTS/DSR/DCD efficient,adopt when connect with DTE equipment CTS/DTR efficient ,adopt when connect with DCE equipment transmit the control signal to the opposite end transparently (efficient in frame mode)

Time -slot configuration

Data loop back: cause V.35 interface of local loop back to data user

E1 loop back: cause E1 interface of local loop back to data user

REM loop back: cause remote E1 of local loop back to local in frame mode cause local E1 of local loop back to remote data user in non-frame mode

Power supply:220VAC(100~275V)

Power consume:3W